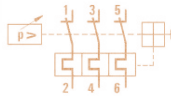
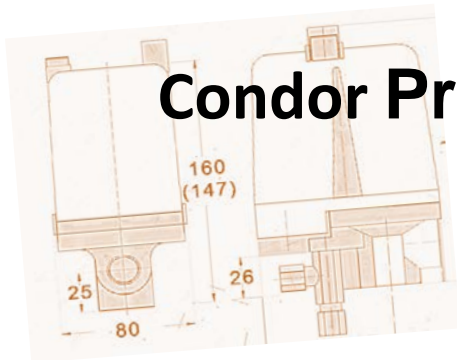


# Condor Pressure Control GmbH



## Price List 2017 valid from 01.01.2017 - 31.12.2017



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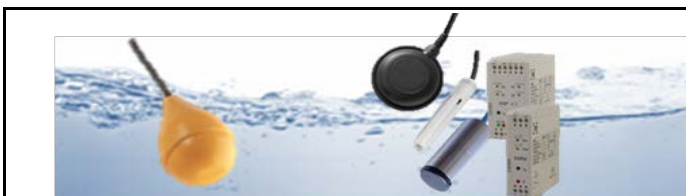


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### Pump Controls

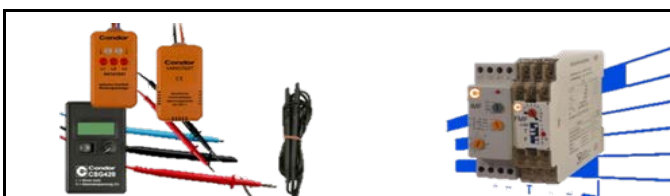
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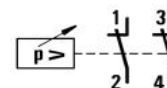
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## Pressure switches AC-current



### Pressure switch MDR 1 - Single phase -



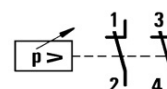
Pressure Switch MDR 1		catalogue page 15, 25-27				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1010"	Part-Number	Preis €/Stück
MDR-1 DSD BAEA 017A030 XDE XXX		2,5 - 6 bar	G1/4" St		212119	49,70 €
MDR-1 DTD BAEA 017A030 XDE XXX		2,5 - 6 bar	G1/4" St-Ü		212126	54,30 €
MDR-1 GBA AAEA 060A080 QDE XXX	EA	2,5 - 11 bar	G1/4"		212133	69,40 €
MDR-1 GEA AAEA 060A080 QDE XXX	EA	2,5 - 11 bar	F4 1/4"		212140	78,00 €
MDR-1 GFA AAEA 060A080 QDE XXX	EA	2,5 - 11 bar	F4 3/8"		212157	78,00 €
MDR-1 GBA BAEA 060A080 QDE XXX		2,5 - 11 bar	G1/4"		216049	66,20 €
MDR-1 GEA BAEA 060A080 QDE XXX		2,5 - 11 bar	F4 1/4"		216025	75,10 €
MDR-1 GFA BAEA 060A080 QDE XXX		2,5 - 11 bar	F4 3/8"		216063	75,10 €

Accessories MDR 1						
Type	Description	Article group "1900"	Part-Number	Price €/Piece		
EV 1S*	Unloader valve with quick-connect 6 mm for plastic unloader valves		226765	12,30 €		
AEV 1S*	Delayed unloader valve with quick-connect 6 mm for plastic unloader valves		217541	16,10 €		
WN MDR 1	Grommet		200888	3,20 €		
PG 11 G	Conduits for mounting of cable glands (inner thread)		255024	4,40 €		
PG 11 Z	Cable gland with strain relief		255031	5,50 €		
PG 11 ZK	Cable gland with strain relief and cable support		255048	6,10 €		
H1 (Cover MDR 1)	Cover without On/Off lever		230700	5,50 €		
H1-EA (Cover MDR 1+EA)	Cover with On/Off lever for manual On/Off (Neutral version, without marking)		227366	12,90 €		
Cover MDR 1+EA+lever	Conversion kit H1 to cover H1-EA		230717	14,10 €		

\*only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1 mm



### Pressure Switch MDR 11 - Single phase -



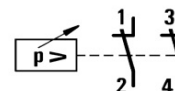
Pressure Switch MDR 11		catalogue page 15, 28 - 30				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1010"	Part-Number	Price €/Piece
MDR 11 DSD AAIA 017A030 XHI XXX	EA	2,5 - 6 bar	G 1/4" St		235712	64,60 €
MDR-11 DTD AAIA 017A030 XHI XXX	EA	2,5 - 6 bar	G 1/4" St-Ü		235729	68,70 €
MDR 11 GBA AAIA 060A080 QHI XXX	EA	2,5 - 11 bar	G 1/4"		235736	81,00 €
MDR 11 GEA AAIA 060A080 QHI XXXX	EA	2,5 - 11 bar	F4 1/4"		235743	89,70 €

Accessories MDR 11						
Type	Description	Article group "1900"	Part-Number	Price €/Piece		
EV 1S*	Unloader valve with quick-connect 6 mm for plastic unloader valves		226765	12,30 €		
EV 1 WSi	90° unloader valve with quick-connect for 1/4" plastic tubes, quick-connect can be rotated 360°		247593	17,80 €		
AEV 1 S*	Delayed unloader valve with quick-connect 6 mm for plastic unloader valves		217541	16,10 €		
WN MDR 11	Grommet		201243	3,20 €		
PG 13,5 Z-21	Cable gland with strain relief		201021	5,70 €		
PG 13,5 ZK-21	Cable gland with strain relief and cable support		201038	6,20 €		

\*only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1 mm



## Pressure Switch MDR 2 - Single phase -



Pressure Switch MDR 2		catalogue page 15, 31 - 33			Part-Number	Price €/Piece
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1020"	Part-Number	Price €/Piece
MDR-2 DBA AAAA 015A030 XAA XXX	EA	1,5 - 7 bar	G 1/4"		212164	60,10 €
MDR-2 GBA AAAA 070A090 XAA XXX	EA	4 - 12 bar	G 1/4"		212171	75,10 €
MDR-2 GEA AAAA 070A090 XAA XXX	EA	4 - 12 bar	F4 1/4"		212188	83,90 €
MDR-2 GFA AAAA 070A090 XAA XXX	EA	4 - 12 bar	F4 3/8"		212195	83,90 €
MDR-2 GDA AAAA 070A090 XAA XXX	EA	4 - 12 bar	F4 1/2"		212201	83,90 €
MDR-2 DBA BAAA 015A030 XAA XXX	-	1,5 - 7 bar	G 1/4"		217381	56,90 €
MDR-2 GBA BAAA 070A090 XAA XXX	-	4 - 12 bar	G 1/4"		217404	71,80 €
MDR-2 GEA BAAA 070A090 XAA XXX	-	4 - 12 bar	F4 1/4"		219408	81,00 €
MDR-2 GFA BAAA 070A090 XAA XXX	-	4 - 12 bar	F4 3/8"		226888	81,00 €
MDR-2 GDA BAAA 070A090 XAA XXX	-	4 - 12 bar	F4 1/2"		226895	81,00 €

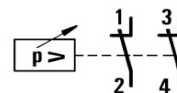
## Accessories MDR 2

Type	Description	Article group "1900"	Part-Number	Price €/Piece
EV 2	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		200666	13,20 €
EV 2S*	Unloader valve with quick-connect for 6 mm plastic discharge tube		200680	13,20 €
EV 2W	Unloader valve 90° with screw connection for 6 mm plastic or discharge copper tube		200697	18,70 €
EV 2Wi	Unloader valve 90° with screw connection for 1/4" mm plastic or discharge copper tube		200703	18,70 €
EV 2WS*	Unloader valve 90° with quick-connect for 6 mm plastic discharge tube		200710	18,70 €
AEV 2	Delayed unloader valve with screw connection for 6 mm plastic or copper discharge tube		200727	17,60 €
AEV 2S*	Delayed unloader valve with quick-connect for 6 mm plastic discharge tube		200741	17,60 €
AEV 2W	Delayed unloader valve 90° with screw connection for 6 mm plastic or copper discharge tube		200758	23,10 €
AEV 2Wi	Delayed unloader valve 90° with screw connection for 1/4" mm plastic or copper discharge tube		200765	23,10 €
AEV 2WS*	Delayed unloader valve 90° with quick-connect for 6 mm plastic discharge tube		200772	23,10 €
WN MDR 2, 4 u. 43	Grommet		200888	3,20 €
PG 11 G	Conduits for mounting cable glands (inner thread)		200895	4,40 €
PG 11 V	Cable gland complete		200901	5,10 €
PG 11 Z	Cable gland with strain relief		200925	5,50 €
PG 11 ZK	Cable gland with strain relief and cable support		200918	6,10 €
PG 13,5 G	Conduits for mounting cable glands (inner thread)		200963	4,50 €
PG 13,5 V	Cable gland complete		200932	5,30 €
PG 13,5 Z	Cable gland with strain relief		200956	5,70 €
PG 13,5 ZK	Cable gland with strain relief and cable support		200949	6,20 €
H2 (Cover MDR 2)	Cover without On/Off lever (Neutral version without marking)		217510	7,80 €
H2-EA (Cover MDR 2+EA)	Cover with On/Off lever for manual On/Off (neutral version, without marking)		229445	10,20 €

\*only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1 mm



## Pressure Switch MDR 21 - Single phase -



Pressure Switch MDR 21		catalogue page 15, 34 - 36				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1021"	Part-Number	Price €/Piece
MDR 21 DBA AACA 015A030 XAA XXX	EA	1,5 - 7 bar	G1/4"		212218	63,80 €
MDR 21 DEA AACA 015A030 XAA XXX	EA	1,5 - 7 bar	F4 1/4"		212225	72,30 €
MDR 21 GBA AACA 070A090 XAA XXX	EA	4 - 12 bar	G1/4"		212232	77,80 €
MDR 21 GEA AACA 070A090 XAA XXX	EA	4 - 12 bar	F4 1/4"		212249	86,30 €
MDR 21 DBA BACA 015A030 XAA XXX	-	1,5 - 7 bar	G1/4"		219910	60,90 €
MDR 21 DEA BACA 015A030 XAA XXX	-	1,5 - 7 bar	F4 1/4"		226901	69,50 €
MDR 21 GBA BACA 070A090 XAA XXX	-	4 - 12 bar	G1/4"		226918	75,30 €
MDR 21 GEA BACA 070A090 XAA XXX	-	4 - 12 bar	F4 1/4"		226925	83,70 €

### Accessories MDR 21

Type	Description	Article group "1900"	Part-Number	Price €/Piece
EV 2	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		200666	13,20 €
EV 2S*	Unloader valve with quick-connect for 6 mm plastic discharge tube		200680	13,20 €
EV 2W	Unloader valve 90° with screw connection for 6 mm plastic or discharge copper tube		200697	18,70 €
EV 2Wi	Unloader valve 90° with screw connection for 1/4" plastic or discharge copper tube		200703	18,70 €
EV 2WS*	Unloader valve 90° with quick-connect for 6 mm plastic discharge tube		200710	18,70 €
AEV 2	Delayed unloader valve with screw connection for 6 mm plastic or copper discharge tube		200727	17,60 €
AEV 2S*	Delayed unloader valve with quick-connect for 6 mm plastic discharge tube		200741	17,60 €
AEV 2W	Delayed unloader valve 90° with screw connection for 6 mm plastic or copper discharge tube		200758	23,10 €
AEV 2Wi	Delayed unloader valve 90° with screw connection for 1/4" plastic or copper discharge tube		200765	23,10 €
AEV 2WS*	Delayed unloader valve 90° with quick-connect for 6 mm plastic discharge tube		200772	23,10 €
WN MDR 21 u. 3	Grommet		201243	3,20 €
PG 13,5 Z-21	Cable gland with strain relief		201021	5,70 €
PG 13,5 ZK-21	Cable gland with strain relief and cable support		201038	6,20 €
H21 (Cover MDR 21)	Cover without On/Off lever (Neutral version without marking)		229452	7,80 €
H21-EA (Cover MDR 21+EA)	Cover with On/Off lever for manual On/Off (neutral version, without marking)		217503	10,20 €

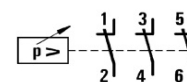
\*only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1 mm



## Pressure Switch 3-phase



### Pressure Switch MDR 3 3-phase



Pressure Switch MDR 3		catalogue page 16, 37 -43				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1030"	Part-Number	Price €/Piece
MDR-3 DAA AAAA 045A060 XAA XXX	EA	1,3 - 6 bar	G1/2"		212256	75,10 €
MDR-3 GAA AAAA 090A110 XAA XXX	EA	4 - 11 bar	G1/2"		212263	80,70 €
MDR-3 GBA AAAA 090A110 XAA XXX	EA	4 - 11 bar	G1/2"		212270	80,70 €
MDR-3 GEA AAAA 090A110 XAA XXX	EA	4 - 11 bar	F4 1/4"		212287	89,20 €
MDR-3 GDA AAAA 090A110 XAA XXX	EA	4 - 11 bar	F4 1/2"		212294	89,20 €
MDR-3 GFA AAAA 090A110 XAA XXX	EA	4 - 11 bar	F4 3/8"		212300	89,20 €
MDR-3 HAA AAAA 130A160 XAA XXX	EA	6 - 16 bar	G1/2"		212317	94,50 €
MDR-3 HBA AAAA 130A160 XAA XXX	EA	6 - 16 bar	G1/2"		212324	94,50 €
MDR-3 HEA AAAA 130A160 XAA XXX	EA	6 - 16 bar	F4 1/4"		212331	103,20 €
MDR-3 HDA AAAA 130A160 XAA XXX	EA	6 - 16 bar	F4 1/2"		212348	103,20 €
MDR-3 HFA AAAA 130A160 XAA XXX	EA	6 - 16 bar	F4 3/8"		212355	103,20 €
MDR-3 IAA AAAA 215A250 XAA XXX	EA	7,5 - 25 bar	G1/2"		212362	108,70 €
MDR-3 IDA AAAA 215A250 XAA XXX	EA	7,5 - 25 bar	F4 1/2"		212379	117,30 €
MDR-3 JAA AAAA 320A350 XAA XXX	EA	12 - 35 bar	G1/2"		229711	136,80 €
MDR-3 JDA AAAA 320A350 XAA XXX	EA	12 - 35 bar	F4 1/2"		229728	145,30 €
MDR-3 DAA BAAA 045A060 XAA XXX	-	1,3 - 6 bar	G1/2"		226932	68,10 €
MDR-3 GAA BAAA 090A110 XAA XXX	-	4 - 11 bar	G1/2"		226949	73,60 €
MDR-3 GBA BAAA 090A110 XAA XXX	-	4 - 11 bar	G1/4"		226956	73,60 €
MDR-3 GEA BAAA 090A110 XAA XXX	-	4 - 11 bar	F4 1/4"		226963	82,10 €
MDR-3 GDA BAAA 090A110 XAA XXX	-	4 - 11 bar	F4 1/2"		226970	82,10 €
MDR-3 GFA BAAA 090A110 XAA XXX	-	4 - 11 bar	F4 3/8"		226987	82,10 €
MDR-3 HAA BAAA 130A160 XAA XXX	-	6 - 16 bar	G1/2"		226994	87,80 €
MDR-3 HBA BAAA 130A160 XAA XXX	-	6 - 16 bar	G1/4"		227007	87,80 €
MDR-3 HEA BAAA 130A160 XAA XXX	-	6 - 16 bar	F4 1/4"		227014	96,30 €
MDR-3 HDA BAAA 130A160 XAA XXX	-	6 - 16 bar	F4 1/2"		227021	96,30 €
MDR-3 HFA BAAA 130A160 XAA XXX	-	6 - 16 bar	F4 3/8"		227038	96,30 €
MDR-3 IAA BAAA 215A250 XAA XXX	-	7,5 - 25 bar	G1/2"		227045	101,90 €
MDR-3 IDA BAAA 215A250 XAA XXX	-	7,5 - 25 bar	F4 1/2"		227052	110,20 €
MDR-3 JAA BAAA 320A350 XAA XXX	-	12 - 35 bar	G1/2"		229698	130,10 €
MDR-3 JDA BAAA 320A350 XAA XXX	-	12 - 35 bar	F4 1/2"		229704	138,70 €
<b>Druckschalter MDR 3 with roller diaphragm (tighter differentials)</b>						
MDR-3 DAB BAAA 028A035 XAA XXX	-	1 - 6 bar	G1/2"		229674	87,80 €
MDR-3 DAB AAAA 028A035 XAA XXX	EA	1 - 6 bar	G1/2"		231561	94,70 €
MDR-3 GAB BAAA 060A070 XAA XXX	-	3 - 10 bar	G1/2"		227595	93,60 €
MDR-3 GOB BAAA 060A070 XAA XXX	-	3 - 10 bar	G1/2" + G1/4"		227601	101,90 €
MDR-3 GAB AAAA 060A070 XAA XXX	EA	3 - 10 bar	G1/2"		227632	100,30 €
MDR-3 GOB AAAA 060A070 XAA XXX	EA	3 - 10 bar	G1/2" + G1/4"		227649	108,70 €
MDR-3 HAB BAAA 145A160 XAA XXX	-	5 - 16 bar	G1/2"		227618	107,60 €
MDR-3 HOB BAAA 145A160 XAA XXX	-	5 - 16 bar	G1/2" + G1/4"		227625	115,90 €
MDR-3 HAB AAAA 145A160 XAA XXX	EA	5 - 16 bar	G1/2"		227656	114,20 €
MDR-3 HOB AAAA 145A160 XAA XXX	EA	5 - 16 bar	G1/2" + G1/4"		227663	122,90 €

### Accessories MDR 3


Type	Description	Article group "1900"	Part-Number	Price €/Piece
DPA-Board	Phase sequence, phase drop protection board		258520	59,00 €
H3-B 230	Hour meter and cover for MDR 3, 230 V / 50 Hz		237297	62,20 €
H3-B 400	Hour meter and cover for MDR 3, 400 V / 50 Hz		237303	65,00 €
H3-EA-B 230	Hour meter and cover for MDR 3 +On/Off lever, 230 V / 50 Hz		237310	65,00 €
H3-EA-B 400	Hour meter and cover for MDR 3 +On/Off lever, 400 V / 50 Hz		237327	68,00 €
EV 3	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		201045	13,50 €
EV 3i	Unloader valve with screw connection for 1/4" plastic or copper discharge tube		201052	13,50 €
EV 3S <sup>1) 2)</sup>	Unloader valve with quick-connect for 6 mm plastic discharge tube		201069	13,50 €
EV 3W <sup>1)</sup>	Unloader valve 90° with screw connection for 6 mm plastic or copper discharge tube		201076	19,00 €

1) up to < 16 bar 2) only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1mm



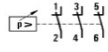
<b>Accessories MDR 3</b>		catalogue page 40 - 42		
Type	Description	Article group "1900"	Part-Number	Price €/Piece
EV 3Wi <sup>1)</sup>	Unloader valve 90° with screw connection for 1/4" plastic or copper discharge tube		201083	19,00 €
EV 3WS <sup>1) 2)</sup>	Unloader valve 90° with quick-connect for 6 mm plastic discharge tube		201090	19,00 €
EV 3L	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		201229	26,10 €
AEV 3	Delayed unloader valve with screw connection for 6 mm plastic or copper discharge tube		201106	17,90 €
AEV 3S <sup>1) 2)</sup>	Delayed unloader valve with quick-connect for 6 mm plastic discharge tube		201120	17,90 €
AEV 3W <sup>1)</sup>	Delayed unloader valve 90° with screw connection for 6 mm plastic or copper discharge tube		201137	23,60 €
AEV 3Wi <sup>1)</sup>	Delayed unloader valve 90° with screw connection for 1/4" plastic or copper discharge tube		201144	23,60 €
AEV 3WS <sup>1) 2)</sup>	Delayed unloader valve 90° with quick-connect for 6 mm plastic discharge tube		201151	23,60 €
WN MDR 21 u. 3	Cable gland with strain relief		201243	3,20 €
PG 9 Z	Grommet		201373	5,50 €
PG 11 G	Conduits for mounting cable glands (inner thread)		201250	4,40 €
PG 11 V	Cable gland complete		201267	5,10 €
PG 11 Z	Cable gland with strain relief		201274	5,50 €
PG 11 ZK	Cable gland with strain relief and cable support		201281	6,10 €
PG 13, 5 G	Conduits for mounting cable glands (inner thread)		201298	4,50 €
PG 13,5 V	Cable gland complete		201304	5,30 €
PG 13,5 Z	Cable gland with strain relief		201311	5,70 €
PG 13,5 ZK	Cable gland with strain relief and cable support		201328	6,20 €
PG 16 G	Conduits for mounting cable glands (inner thread)		201335	4,50 €
PG 16 V	Cable gland complete		201342	6,20 €
PG 16 Z	Cable gland with strain relief		201359	7,30 €
PG 16 ZK	Cable gland with strain relief and cable support		201366	7,90 €
MW für MDR 3	Montagewinkel MDR 3		246138	7,00 €
SC 3	Available with pressure scale - factory			2,00 €
H3 (Haube MDR 3)	Cover without rotary knob (Neutral version, without marking)		229490	9,40 €
H3-EA (Haube MDR 3 + EA)	Cover with rotary knob for manual On/Off (Neutral version, without marking)		230007	12,40 €
H3-UL (Cover MDR 3)	Cover without rotary knob (Neutral version, without marking) and UL-approval		230892	11,70 €
H3-EA-UL (Cover MDR 3 + EA)	Cover with rotary knob for manual On/Off (Neutral version, without marking) and UL-approval		230908	14,00 €
1) up to < 16 bar 2) only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1mm				
MDR 3 Diaphragm 16	Diaphragm for MDR 3, 6 - 16 bar (10 pcs. per carton)		230649	46,20 €
MDR 3 Diaphragm 35	Diaphragm for MDR 3, 25 - 35 bar (10 pcs. per carton)		230656	71,60 €
SK 3	Arc chamber without On/Off lock mechanism (part of standard MDR 3...)		201380	14,10 €
SK 3-S	Arc chamber with On/Off mechanism (part of standard MDR 3...+ EA)		201397	28,20 €
SK R3/1,0	Thermal overload relay, 3 phase, 0.63 - 1.00 A		201403	41,90 €
SK R3/1,6	Thermal overload relay, 3 phase, 1.00 - 1.60 A		201410	41,90 €
SK R3/2,5	Thermal overload relay, 3 phase, 1.60 - 2.50 A		201427	41,90 €
SK R3/4,0	Thermal overload relay, 3 phase, 2.50 - 4.00 A		201434	41,90 €
SK R3/6,3	Thermal overload relay, 3 phase, 4.00 - 6.30 A		201441	41,90 €
SK R3/10,0	Thermal overload relay, 3 phase, 6.30 - 10.00 A		201458	51,70 €
SK R3/16,0	Thermal overload relay, 3 phase, 10.00 - 16.00 A		201465	51,70 €
SK R3/20,0	Thermal overload relay, 3 phase, 16.00 - 20.00 A		201472	51,70 €
SK R3/24,0	Thermal overload relay, 3 phase, 20.00 - 24.00 A		201489	51,70 €
SK R3/30/2	Thermal 2-pole overload relay 22.00 - 30.00 A		201496	51,70 €
Hi 3	Available with auxiliary switch		274971	28,50 €
RU 3/24-50	Undervoltage release 224 V, 50 Hz		226857	56,30 €
RU 3/230-50	Undervoltage release 230 V, 50 Hz		201540	56,30 €
RU 3/400-50	Undervoltage release 400 V, 50 Hz		201557	56,30 €
RA 3/24-50	Shunt trip 24 V, 50 Hz		201564	64,70 €
RA 3/110-50	Shunt trip 110 V, 50 Hz		201571	64,70 €
RA 3/230-50	Shunt trip 230 V, 50 Hz		201588	64,70 €
RA 3/240-60	Shunt trip 240 V, 60 Hz		214113	64,70 €
RA 3/400-50	Shunt trip 400 V, 60 Hz		225935	64,70 €
RA 3/480-60	Shunt trip 480 V, 60 Hz		201595	64,70 €



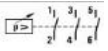


## Pressure Switch MDR 4

### 3-phase



MDR 4 SD



MDR 4 SU

Pressure Switch MDR 4		catalogue page 44 - 49				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1040"	Part-Number	Price €/Piece
MDR-4 DBA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	G1/4"		212584	67,60 €
MDR-4 DAA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	G1/2"		212591	67,60 €
MDR-4 DOA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	G1/2" + G1/4"		212607	76,70 €
MDR-4 DEA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	F4 1/4 "		257899	84,10 €
MDR-4 DDA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	F4 1/2 "		257905	84,10 €
MDR-4 DFA AFAA 040A060 XAA XXX	EA	1,5 - 6 bar	F4 3/8"		257912	84,10 €
MDR-4 GBA AFAA 090A110 XAA XXX	EA	4 - 11 bar	G1/4"		212614	73,50 €
MDR-4 GAA AFAA 090A110 XAA XXX	EA	4 - 11 bar	G1/2"		212621	73,50 €
MDR-4 GOA AFAA 090A110 XAA XXX	EA	4 - 11 bar	G1/2" + G 1/4"		212638	82,30 €
MDR-4 GEA AFAA 090A110 XAA XXX	EA	4 - 11 bar	F4 1/4 "		257929	89,60 €
MDR-4 GDA AFAA 090A110 XAA XXX	EA	4 - 11 bar	F4 1/2 "		257936	89,60 €
MDR-4 GFA AFAA 090A110 XAA XXX	EA	4 - 11 bar	F4 3/8"		257943	89,60 €
MDR-4 HBA AFAA 135A160 XAA XXX	EA	6 - 16 bar	G1/4"		212645	88,40 €
MDR-4 HAA AFAA 135A160 XAA XXX	EA	6 - 16 bar	G1/2"		212652	88,40 €
MDR-4 HOA AFAA 135A160 XAA XXX	EA	6 - 16 bar	G1/2" + G1/4"		212669	94,50 €
MDR-4 HEA AFAA 135A160 XAA XXX	EA	6 - 16 bar	F4 1/4 "		257950	104,40 €
MDR-4 HDA AFAA 135A160 XAA XXX	EA	6 - 16 bar	F4 1/2 "		257967	104,40 €
MDR-4 HFA AFAA 135A160 XAA XXX	EA	6 - 16 bar	F4 3/8"		257974	104,40 €
MDR-4 IBA AFAA 210A250 XAA XXX	EA	8,5 - 25 bar	G1/4"		212676	102,70 €
MDR-4 IAA AFAA 210A250 XAA XXX	EA	8,5 - 25 bar	G1/2"		212683	102,70 €
MDR-4 IOA AFAA 210A250 XAA XXX	EA	8,5 - 25 bar	G1/2" + G1/4"		212690	108,70 €
MDR-4 DBA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	G1/4"		220084	64,60 €
MDR-4 DAA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	G1/2"		220077	64,60 €
MDR-4 DOA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	G1/2" + G1/4"		220121	73,30 €
MDR-4 DEA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	F4 1/4 "		257981	80,40 €
MDR-4 DDA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	F4 1/2 "		257998	80,40 €
MDR-4 DFA BFAA 040A060 XAA XXX	-	1,5 - 6 bar	F4 3/8"		258001	80,40 €
MDR-4 GBA BFAA 090A110 XAA XXX	-	4 - 11 bar	G1/4"		204251	70,60 €
MDR-4 GAA BFAA 090A110 XAA XXX	-	4 - 11 bar	G1/2"		206194	70,60 €
MDR-4 GOA BFAA 090A110 XAA XXX	-	4 - 11 bar	G1/2" + G1/4"		227069	79,60 €
MDR-4 GEA BFAA 090A110 XAA XXX	-	4 - 11 bar	F4 1/4 "		258018	85,70 €
MDR-4 GDA BFAA 090A110 XAA XXX	-	4 - 11 bar	F4 1/2 "		258025	85,70 €
MDR-4 GFA BFAA 090A110 XAA XXX	-	4 - 11 bar	F4 3/8"		258032	85,70 €
MDR-4 HBA BFAA 135A160 XAA XXX	-	6 - 16 bar	G1/4"		204244	85,30 €
MDR-4 HAA BFAA 135A160 XAA XXX	-	6 - 16 bar	G1/2"		220107	85,30 €
MDR-4 HOA BFAA 135A160 XAA XXX	-	6 - 16 bar	G1/2" + G1/4"		227076	94,20 €
MDR-4 HEA BFAA 135A160 XAA XXX	-	6 - 16 bar	F4 1/4 "		258049	99,90 €
MDR-4 HDA BFAA 135A160 XAA XXX	-	6 - 16 bar	F4 1/2 "		258056	99,90 €
MDR-4 HFA BFAA 135A160 XAA XXX	-	6 - 16 bar	F4 3/8"		258063	99,90 €
MDR-4 IBA BFAA 210A250 XAA XXX	-	8,5 - 25 bar	G1/4"		227083	99,60 €
MDR-4 IAA BFAA 210A250 XAA XXX	-	8,5 - 25 bar	G1/2"		227090	99,60 €
MDR-4 IOA BFAA 210A250 XAA XXX	-	8,5 - 25 bar	G1/2" + G1/4"		221210	105,60 €



<b>Pressure Switch MDR 4 SD</b>		catalogue page 44 - 49				
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1040"	Part-Number	Price €/Piece
MDR-4 DAA BFDA 040A060 XAA XXX	-	1,5 - 6 bar	G1/2"		212737	82,10 €
MDR-4 DBA BFDA 040A060 XAA XXX	-	1,5 - 6 bar	G1/4"		212744	82,10 €
MDR-4 GAA BFDA 090A110 XAA XXX	-	4 - 11 bar	G1/2"		212751	88,30 €
MDR-4 GBA BFDA 090A110 XAA XXX	-	4 - 11 bar	G1/4"		212768	88,30 €

<b>Pressure Switch MDR 4 SU</b>						
Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1040"	Part-Number	Price €/Piece
MDR-4 DAA BFCA 040A060 XAA XXX	-	1,5 - 6 bar	G1/2"		212706	101,60 €
MDR-4 GAA BFCA 090A110 XAA XXX	-	4 - 11 bar	G1/2"		212713	107,50 €
MDR-4 HAA BFCA 135A160 XAA XXX	-	6 - 16 bar	G1/2"		212720	122,40 €

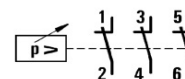
<b>Accessories MDR 4</b>						
Type	Description	Article group "1900"	Part-Number	Price €/Piece		
EV 4	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		201601	13,50 €		
EV 4S <sup>1) 2)</sup>	Unloader valve with quick-connect for 6 mm plastic discharge tube		201625	13,50 €		
EV 4W <sup>1)</sup>	Unloader valve 90° with screw connection for 6 mm plastic or discharge copper tube		255055	19,00 €		
EV 4Wi <sup>1)</sup>	Unloader valve 90° with screw connection for 1/4" plastic or discharge copper tube		255062	19,00 €		
EV 4WS <sup>1) 2)</sup>	Unloader valve 90° with quick-connect for 6 mm plastic discharge tube		201656	19,00 €		
AEV 4	Delayed unloader valve with screw connection for 6 mm plastic or copper discharge tube		201663	17,90 €		
AEV 4S <sup>1) 2)</sup>	Delayed unloader valve 90° with quick-connect for 6 mm plastic discharge tube		201687	17,90 €		
AEV 4-W <sup>1)</sup>	Delayed unloader valve 90° with screw connection for 6 mm plastic or copper discharge tube		201694	23,60 €		
AEV 4-Wi <sup>1)</sup>	Delayed unloader valve 90° with screw connection for 1/4" plastic or copper discharge tube		255079	23,60 €		
AEV 4-WS <sup>1) 2)</sup>	Delayed unloader valve 90° with quick-connect for 6 mm plastic discharge tube		255086	23,60 €		
WN MDR 2, 4 u. 43	Grommet		200888	3,20 €		
PG 11 G	Conduits for mounting cable glands (inner thread)		200895	4,40 €		
PG 11 V	Cable gland complete		200901	5,10 €		
PG 11 Z	Cable gland with strain relief		200925	5,50 €		
PG 11 ZK	Cable gland with strain relief and cable support		200918	6,10 €		
PG 13,5 G	Conduits for mounting cable glands (inner thread)		200963	4,50 €		
PG 13,5 V	Cable gland complete		200932	5,30 €		
PG 13,5 Z	Cable gland with strain relief		200956	5,70 €		
PG 13,5 ZK	Cable gland with strain relief and cable support		200949	6,20 €		
MW for MDR 4 and 43	Mounting bracket for MDR 4 and 43		230021	7,00 €		
H4 S (Cover MDR 4 S)	Cover without rotary knob (Neutral version, without marking)		229469	8,20 €		
H4 S-EA (Cover MDR 4 S+EA)	Cover with rotary knob for manual On/Off (Neutral version, without marking)		229476	11,20 €		
H4 SD (Cover MDR 4 SD)	Cover without rotary knob for MDR 4 SD (transparent)		229483	9,00 €		

1) up to < 16 bar 2) only for pneumatic tubes with outside tolerances according to e. g. Festo PAN 6x1mm





## Pressure Switch MDR 5 3-phase



### Pressure Switch MDR 5

catalogue page 50 - 55

Type	ON / OFF buttons	Pressure range pOFF (bar)	Flange	Article group "1050"	Part-Number	Price €/Piece
MDR-5 CAA BAAA 015A030 XXX XXX	-	1,5 - 5 bar	G1/2"		212850	76,80 €
MDR-5 CAA AAAA 015A030 XXX XXX	Cover K*	1,5 - 5 bar	G1/2"		212867	81,00 €
MDR-5 COA BAAA 015A030 XXX XXX	-	1,5 - 5 bar	G1/2"		212874	84,80 €
MDR-5 COA AAAA 015A030 XXX XXX	Cover K*	1,5 - 5 bar	G1/2" + G1/4"		212881	89,40 €
MDR-5 EAA BAAA 070A080 XXX XXX	-	2 - 8 bar	G1/2"		212898	82,10 €
MDR-5 EAA AAAA 070A080 XXX XXX	Cover K*	2 - 8 bar	G1/2"		212904	86,30 €
MDR-5 EOA BAAA 070A080 XXX XXX	-	2 - 8 bar	G1/2" + G1/4"		212911	90,60 €
MDR-5 EOA AAAA 070A080 XXX XXX	Cover K*	2 - 8 bar	G1/2" + G1/4"		212928	94,80 €
MDR-5 GAA BAAA 090A110 XXX XXX	-	2 - 11 bar	G1/2"		212935	96,30 €
MDR-5 GAA AAAA 090A110 XXX XXX	Cover K*	2 - 11 bar	G1/2"		212942	100,40 €
MDR-5 GOA BAAA 090A110 XXX XXX	-	2 - 11 bar	G1/2" + G1/4"		212959	110,20 €
MDR-5 GOA AAAA 090A110 XXX XXX	Cover K*	2 - 11 bar	G1/2" + G1/4"		212966	114,40 €
MDR-5 HAA BAAA 130A160 XXX XXX	-	2,5 - 16 bar	G1/2"		212973	110,20 €
MDR-5 HAA AAAA 130A160 XXX XXX	Cover K*	2,5 - 16 bar	G1/2"		212980	114,40 €
MDR-5 HOA BAAA 130A160 XXX XXX	-	2,5 - 16 bar	G1/2" + G1/4"		212997	118,80 €
MDR-5 HOA AAAA 130A160 XXX XXX	Cover K*	2,5 - 16 bar	G1/2" + G1/4"		213000	123,00 €
MDR-5 KAA BAAA 300 A400 XXX XXX	-	13 - 45 bar	G1/2"		256182	150,10 €
MDR-5 KAA AAAA 300 A400 XXX XXX	Cover K*	13 - 45 bar	G1/2"		258513	154,60 €
MDR-5 CYA BAAA 015A030 XOO XXZ	-	1,5 - 5 bar	G1/2" Stahl, verzinkt	IP 65	279273	auf Anfrage
MDR-5 EYA BAAA 070A080 XOO XXZ	-	2 - 8 bar	G1/2" Stahl, verzinkt	IP 65	279280	auf Anfrage
MDR-5 CVA BAAA	-	1,5 - 5 bar	G1/2" SS	IP 65	275152	136,40 €
MDR-5 EVA BAAA	-	2 - 8 bar	G1/2" SS	IP 65	275169	141,60 €
MDR-5 CRA BAAA 015A030 XNN XXZ	-	1,5 - 5 bar	G1/2" brass	IP 65	275176	107,10 €
MDR-5 ERA BAAA 070A080 XNN XXZ	-	2 - 8 bar	G1/2" brass	IP 65	275183	112,30 €

\* For these switches, a thermal, 3-pole overload relay has to be ordered separately, the ON/OFF mechanism will only work with an additional relay.  
Inloader valves and cable glands for retrofitting, see accessories!



<b>Accessories MDR 5</b>		catalogue page 52 - 53		
Type	Description	Article group "1900"	Part- Number	Price €/ Piece
EV 5	Unloader valve with screw connection for 6 mm plastic or copper discharge tube, screw connection for vent port		201878	26,10 €
EV 5i	Unloader valve with screw connection for 1/4" plastic or copper discharge tube		201885	26,10 €
EV 5E	Unloader valve with screw connection for 6 mm plastic or copper discharge tube		201892	19,50 €
EV 5Ei	Unloader valve with screw connection for 1/4" plastic or copper discharge tube		201908	19,50 €
EV 5H	Unloader valve with screw connection for 6 mm plastic or copper discharge tube, screw connection for vent port (for MDR-5/45 bar types)		201915	upon request!
AEV 5	Delayed unloader valve with screw connection for 6 mm plastic or copper discharge tube		201939	31,20 €
AEV 5 i	Delayed unloader valve with screw connection for 1/4" plastic or copper discharge tube		201946	31,20 €
WN M20	Grommet		269496	3,20 €
VS-M20	Screw plug M20		269502	1,70 €
M20 Z	With strain relief, clamping range 6-12 mm		269533	7,90 €
M20 ZK	With strain relief and cable support, clamping range 6-12 mm		269540	8,10 €
M20 L	With strain relief, clamping range 10-14 mm		269519	7,90 €
M20 LK	With strain relief and cable support, clamping range 10-14 mm		269526	8,10 €
MW MDR 5 + 53	Mounting bracket		230045	8,80 €
H5 (Cover MDR 5)	Cover without On/Off push buttons		230052	11,70 €
H5-K (Cover MDR 5 + K)	Cover with On/Off push-buttons (Only functions together with the thermal R5 overload relay)		217527	16,00 €
MDR 5 (Cover seal MDR 5 + K)	Cover seal for MDR 5 and 53 (10 pcs. per carton)		230601	18,10 €
MDR 5 Diaphragm 16	Diaphragm for MDR 5, 5 - 16 bar (10 pcs. per carton)		230670	56,70 €
MDR 5 Arc-chamber	Arc-chamber for MDR-5 (10 pcs. per carton)		230687	113,30 €
R 5/1,5	Thermal, 3-pole overload relay 0,86 - 1,50 A		202028	49,70 €
R 5/2,45	Thermal, 3-pole overload relay 1,50 - 2,45 A		202035	49,70 €
R 5/4,2	Thermal, 3-pole overload relay 2,40 - 4,20 A		202042	49,70 €
R 5/7,0	Thermal, 3-pole overload relay 4,00 - 7,00 A		202059	49,70 €
R 5/10,3	Thermal, 3-pole overload relay 6,10 - 10,3 A		202066	51,80 €
R 5/14,0	Thermal, 3-pole overload relay 9,00 - 14,0 A		202073	64,70 €
R 5/18,0	Thermal, 3-pole overload relay 11,0 - 18,0 A		202080	64,70 €



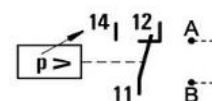
## Control Pressure Switch



### Control Pressure Switch MDR-F



Industrial screw clamp



**MDR-F .. H (G)** **standard version with perbunan diaphragm and die-cast aluminium flange, G 3/8" inner thread\*\* (suffix G for gold-flashed contacts)** Article group "1060"  
 catalogue page 58, 59

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2H-S	MDR-F 2 HAA SAA A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	253501	67,30 €
MDR-F 2HG-S	MDR-F 2 HAA SBA A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	253518	83,00 €
MDR-F 4H-S	MDR-F 4 HAA SAA A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	253525	68,30 €
MDR-F 4HG-S	MDR-F 4 HAA SBA A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	253532	83,90 €
MDR-F 8H-S	MDR-F 8 HAA SAA A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	253549	69,40 €
MDR-F 8HG-S	MDR-F 8 HAA SBA A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	253556	85,10 €
MDR-F 10H-S	MDR-F 10 HAA SAA A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	253563	71,70 €
MDR-F 10HG-S	MDR-F 10 HAA SBA A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	253570	87,30 €
MDR-F 16H-S	MDR-F 16 HAA SAA A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	253587	75,00 €
MDR-F 16HG-S	MDR-F 16 HAA SBA A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	253594	90,70 €
MDR-F 32H-S	MDR-F 32 HAA SAA A 100A200	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	253600	83,00 €
MDR-F 32HG-S	MDR-F 32 HAA SBA A 100A200	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	253617	98,60 €

\* lower ... upper end of range

\*\* upon request with G1/4"

**MDR-F .. Y (G)** **standard version with perbunan diaphragm and plastic flange, G 3/8" inner thread\*\* (suffix G for gold-flashed contacts)** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2Y-S	MDR-F 2 YAA SAA A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	253624	67,30 €
MDR-F 2YG-S	MDR-F 2 YAA SBA A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	253631	83,00 €
MDR-F 4Y-S	MDR-F 4 YAA SAA A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	253648	68,30 €
MDR-F 4YG-S	MDR-F 4 YAA SBA A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	253655	83,90 €
MDR-F 8Y-S	MDR-F 8 YAA SAA A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	253662	69,40 €
MDR-F 8YG-S	MDR-F 8 YAA SBA A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	253679	85,10 €
MDR-F 10Y-S	MDR-F 10 YAA SAA A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	253686	71,70 €
MDR-F 10YG-S	MDR-F 10 YAA SBA A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	253693	87,30 €
MDR-F 16Y-S	MDR-F 16 YAA SAA A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	253709	75,00 €
MDR-F 16YG-S	MDR-F 16 YAA SBA A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	253716	90,70 €

\* lower ... upper end of range

\*\* upon request with G1/4"

**MDR-F .. HE (G)** **with stainless steel press. sensing element, G 1/4" inner thread (suffix G for gold-flashed contacts),** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 12HE-S	MDR-F 12 HEC SAA A 060A070	0,5 ... 11,2 bar	0,5 0,8	1 ... 12 bar	253723	94,80 €
MDR-F 12HEG-S	MDR-F 12 HEC SBA A 060A070	0,5 ... 11,2 bar	0,5 0,8	1 ... 12 bar	253730	110,40 €
MDR-F 30HE-S	MDR-F 30 HEC SAA A 160A200	1 ... 26,4 bar	1,8 3,6	2,8 ... 30 bar	253747	102,70 €
MDR-F 30HEG-S	MDR-F 30 HEC SBA A 160A200	1 ... 26,4 bar	1,8 3,6	2,8 ... 30 bar	253754	118,30 €

\* lower ... upper end of range

**MDR-F .. HH (G)** **High pressure switch with plastic plunger press. sensing element with stainless steel connection, G 3/8" inner thread, (suffix G for gold-flashed contacts),** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 60HH-S	MDR-F 60 HHA SAA A 200A400	4 ... 52 bar	4 8	8 ... 60 bar	253761	137,60 €
MDR-F 60HHG-S	MDR-F 60 HHA SBA A 200A400	4 ... 52 bar	4 8	8 ... 60 bar	253778	153,30 €
MDR-F 120HH-S	MDR-F 120 HHA SAA A 200A800	8 ... 104 bar	8 16	16 ... 120 bar	253785	149,90 €
MDR-F 120HHG-S	MDR-F 120 HHA SBA A 200A800	8 ... 104 bar	8 16	16 ... 120 bar	253792	165,50 €
MDR-F 250HH-S	MDR-F 250 HHA SAA A 100B200	14 ... 226 bar	12 24	26 ... 250 bar	253808	173,30 €
MDR-F 250HHG-S	MDR-F 250 HHA SBA A 100B200	14 ... 226 bar	12 24	26 ... 250 bar	253815	189,00 €

\* lower ... upper end of range



# Condor Pressure Control GmbH Price List 2017, valid from 01.01.2017

MDR-F .. H ...		Pressure switch with reset function and die-cast aluminium flange, G 3/8" inner thread, catalogue page 60, 62			Article group "1060"	
Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/ Piece
MDR-F 2Hmax-S	MDR-F 2 HAA SAH A XXXA015	-	0,07 0,11	0,11 ... 2 bar	254065	83,90 €
MDR-F 4Hmax-S	MDR-F 4 HAA SAH A XXXA030	-	0,15 0,25	0,22 ... 4 bar	254072	85,00 €
MDR-F 8Hmax-S	MDR-F 8 HAA SAH A XXXA060	-	0,3 0,5	0,5 ... 8 bar	254089	86,30 €
MDR-F 10Hmax-S	MDR-F 10 HAA SAH A XXXA075	-	0,4 0,8	0,7 ... 10 bar	254096	88,60 €
MDR-F 16Hmax-S	MDR-F 16 HAA SAH A XXXA120	-	0,6 1,0	1 ... 16 bar	254102	91,80 €
MDR-F 32Hmax-S	MDR-F 32 HAA SAH A XXXA240	-	1,2 2,0	2 ... 32 bar	254119	99,60 €
MDR-F 2Hmin-S*1	MDR-F 2 HAA SAL A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	254126	83,90 €
MDR-F 4Hmin-S*1	MDR-F 4 HAA SAL A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	254133	85,00 €
MDR-F 8Hmin-S*1	MDR-F 8 HAA SAL A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	254140	86,30 €
MDR-F 10Hmin-S*1	MDR-F 10 HAA SAL A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	254157	88,60 €
MDR-F 16Hmin-S*1	MDR-F 16 HAA SAL A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	254164	91,80 €
MDR-F 32Hmin-S*1	MDR-F 32 HAA SAL A 100A200	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	254171	99,60 €
MDR-F 2Htro-S	MDR-F 2 HAA SAG A 005AXXX	0,04 ... 1,89 bar	0,07 0,11	-	254188	83,90 €
MDR-F 4Htro-S	MDR-F 4 HAA SAG A 010AXXX	0,07 ... 3,75 bar	0,15 0,25	-	254195	85,00 €
MDR-F 8Htro-S	MDR-F 8 HAA SAG A 020AXXX	0,2 ... 7,5 bar	0,3 0,5	-	254201	86,30 €
MDR-F 10Htro-S	MDR-F 10 HAA SAG A 025AXXX	0,3 ... 9,2 bar	0,4 0,8	-	254218	88,60 €
MDR-F 16Htro-S	MDR-F 16 HAA SAG A 040AXXX	0,4 ... 15 bar	0,6 1,0	-	254225	91,80 €
MDR-F 32Htro-S	MDR-F 32 HAA SAG A 080AXXX	0,8 ... 30 bar	1,2 2,0	-	254232	99,60 €

\* lower ... upper end of range

\*1 The minimum pressure to be controlled and the operating pressure range have to be in the pressure spectrum of the cut-in pressure.

Additional MDR-F pressure switch versions are available on request (e.g. as stainless steel bellows version, with gold-flashed contacts, as high pressure switch etc.)

MDR-F .. HV		Pressure switch with viton diaphragm and die-cast aluminium flange, G 3/8" inner thread, Article group "1060"			Article group "1060"	
Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/ Piece
MDR-F 2HV-S	MDR-F 2 HVA SAA A 005A015	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	253884	83,80 €
MDR-F 4HV-S	MDR-F 4 HVA SAA A 010A030	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	253891	84,90 €
MDR-F 8HV-S	MDR-F 8 HVA SAA A 020A060	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	253907	86,00 €
MDR-F 10 HV-S	MDR-F 10 HVA SAA A 040A050	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	253914	88,30 €
MDR-F 16HV-S	MDR-F 16 HVA SAA A 040A120	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	253921	91,60 €
MDR-F 32HV-S	MDR-F 32 HVA SAA A 100A200	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	253938	99,50 €

\* lower ... upper end of range

Additional pressure switch versions MDR-F .. HV are available on request (e.g. as manual reset pressure switches, with gold-flashed contacts, with plastic flange etc.).

MDR-F..H..VdS		VdS Pressure switches for water extinguishing systems / fire-fighting equipments with perbunan diaphragm and die-cast aluminium flange, G 1/2" inner thread			Article group "1060"	
Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/ Piece
MDR-F 2H-S VdS	MDR-F 2 HAB SAA A XXXA007 A	-	0,1	0,35 ... 1 bar	259060	78,30 €
MDR-F 2Hmax-S	MDR-F 2 HAB SAH A XXXA007 A	-	0,1	0,35 ... 1 bar	259077	92,40 €
MDR-F 10H-S VdS	MDR-F 10 HAB SAA A 040A050 A	0,3 ... 9,2 bar	0,4 1,5	0,7 ... 10 bar	259084	81,60 €
MDR-F 12H-S VdS	MDR-F 12 HAB SAA A 080A090 A	0,4 ... 11 bar	0,6 1,5	1 ... 12,5 bar	259091	83,30 €
MDR-F 16H-S VdS	MDR-F 16 HAB SAA A 110A120 A	0,4 ... 15 bar	0,6 1,5	1 ... 16 bar	259107	85,00 €

MDR-F..Y..VdS		VdS Pressure switches for water extinguishing systems / fire-fighting equipments with perbunan diaphragm and plastic flange, G 1/2" inner thread			Article group "1060"	
Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/ Piece
MDR-F 2Y-S VdS	MDR-F 2 YAB SAA A XXXA007 A	-	0,1	0,35 ... 1 bar	259145	78,30 €
MDR-F 2Ymax-S	MDR-F 2 YAB SAH A XXXA007 A	-	0,1	0,35 ... 1 bar	259152	92,40 €
MDR-F 10Y-S VdS	MDR-F 10 YAB SAA A 040A050 A	0,2 ... 9,2 bar	0,4 1,5	0,7 ... 10 bar	259169	81,60 €



# Condor Pressure Control GmbH Price List 2017, valid from 01.01.2017

**MDR-F..H..GL** **GL Pressure Switch for Ship Building and Applications Intended for Use at Sea** with perbunan diaphragm and plastic flange, G 1/2" inner thread, catalogue page 63 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2H-S GL	MDR-F 2 HAA SAA H 005A015 G	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	261766	88,60 €
MDR-F 4H-S GL	MDR-F 4 HAA SAA H 010A030 G	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	261773	89,60 €
MDR-F 8H-S GL	MDR-F 8 HAA SAA H 020A060 G	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	261780	90,60 €
MDR-F 10H-S GL	MDR-F 10 HAA SAA H 040A050 G	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	261797	93,20 €
MDR-F 12H-S GL	MDR-F 12 HAA SAA H 080A090 G	0,4 ... 11 bar	0,6 1,5	1 ... 12,5 bar	261896	94,90 €
MDR-F 16H-S GL	MDR-F 16 HAA SAA H 040A120 G	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	261803	96,40 €
MDR-F 32H-S GL	MDR-F 32 HAA SAA H 100A200 G	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	261810	104,20 €

**MDR-F..H..GL D** **GL Pressure Switch for Ship Building and Applications Intended for Use at Sea** with perbunan diaphragm and die-cast aluminium flange, G 3/8" inner thread, GL-cable gland, plastic throttle Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2H-S GL D	MDR-F 2 HAA SAA H 005A015 GD	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	261902	90,70 €
MDR-F 4H-S GL D	MDR-F 4 HAA SAA H 010A030 GD	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	261919	91,70 €
MDR-F 8H-S GL D	MDR-F 8 HAA SAA H 020A060 GD	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	261926	92,60 €
MDR-F 10H-S GL D	MDR-F 10 HAA SAA H 040A050 GD	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	261933	95,30 €
MDR-F 12H-S GL D	MDR-F 12 HAA SAA H 080A090 GD	0,4 ... 11 bar	0,6 1,5	1 ... 12,5 bar	261940	97,00 €
MDR-F 16H-S GL D	MDR-F 16 HAA SAA H 040A120 GD	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	261957	98,50 €
MDR-F 32H-S GL D	MDR-F 32 HAA SAA H 100A200 GD	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	261964	106,30 €

**MDR-F..HH..GL** **GL Pressure Switch for Ship Building and Applications Intended for Use at Sea. High pressure switch with plastic plunger press. sensing element with stainless steel connection, G 3/8" inner thread, plastic throttle** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 60HH-S GL	MDR-F 60 HHA SAA H 200A400 G	4 ... 52 bar	4 8	8 ... 60 bar	261858	159,80 €
MDR-F 120HH-S GL	MDR-F 120 HHA SAA H 200A800 G	8 ... 104 bar	8 16	16 ... 120 bar	261865	172,30 €
MDR-F 250HH-S GL	MDR-F 250 HHA SAA H 100B200 G	14 ... 226 bar	12 24	26 ... 250 bar	261872	196,10 €

\* lower ... upper end of range

**MDR-F..JG-S Ex I M2** **MDR-F ATEX version in explosion-risk units for mining. Pressure switch with NBR diaphragm and zinc die-cast flange, G 3/8" inner thread, plastic cover** - catalogue page 64, 65 - Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2JG-S Ex I M2	MDR-F 2 JAA SBA J 005A015 B2XX	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	262204	160,10 €
MDR-F 4JG-S Ex I M2	MDR-F 4 JAA SBA J 010A030 B2XX	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	262213	161,90 €
MDR-F 8JG-S Ex I M2	MDR-F 8 JAA SBA J 020A060 B2XX	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	262220	164,20 €
MDR-F 10JG-S Ex I M2	MDR-F 10 JAA SBA J 040A050 B2XX	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	262237	168,50 €
MDR-F 16JG-S Ex I M2	MDR-F 16 JAA SBA J 040A120 B2XX	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	262251	175,10 €
MDR-F 32JG-S Ex I M2	MDR-F 32 JAA SBA J 100A200 B2XX	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	262268	190,20 €

**MDR-F..JHG-S Ex I M2** **MDR-F ATEX version in explosion-risk units for mining. High-pressure switch with plastic plunger and stainless steel and zinc die-cast flange, G 3/8" inner thread with choke, plastic cover** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 60JHG-S Ex I M2	MDR-F 60 JHA SBA J 200A400 B2XX	4 ... 52 bar	4 8	8 ... 60 bar	262275	265,20 €
MDR-F 120JHG-S Ex I M2	MDR-F 120 JHA SBA J 200A800 B2XX	8 ... 104 bar	8 16	16 ... 120 bar	262282	286,30 €
MDR-F 250JHG-S Ex I M2	MDR-F 250 JHA SBA J 100B200 B2XX	14 ... 226 bar	12 24	26 ... 250 bar	262299	326,90 €

**MDR-F..JEG-S Ex I M2** **MDR-F ATEX version in explosion-risk units for mining. Pressure switch with stainless steel pressure transducer with stainless steel and zinc die-cast flange, G 1/4" inner thread, plastic cover** Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 12JEG-S Ex I M2	MDR-F 12 JEC SBA J 060A070 B2XX	0,5 ... 11,2 bar	0,5 0,8	1 ... 12 bar	262503	186,50 €
MDR-F 30JEG-S Ex I M2	MDR-F 30 JEC SBA J 160A200 B2XX	1 ... 26,4 bar	1,8 3,6	2,8 ... 30 bar	262510	199,90 €



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**MDR-F..JG-S Ex I M2 for Vacuum** **MDR-F ATEX version in explosion-risk units for mining for Vacuum monitoring**  
 Pressure switch with NBR diaphragm and zinc die-cast flange, G 1/4" inner thread, plastic cover  
 catalogue page 64, 65 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 03JG-S Ex I M2	MDR-F 03 JAC SBA J 010V030 B2XX	-0,9 ... 0,15 bar	0,15	-0.75 ... 0.3 bar	262558	303,60 €
MDR-F 3JG-S Ex I M2	MDR-F 3 JAC SBA J 100V150 B2XX	-0,9 ... 2,6 bar	0,2 0,4	-0.7 ... 3 bar	262565	on request

**MDR-F..HG-S Ex II 2 G/D** **MDR-F ATEX version in explosion-risk units for chemical industries.** Pressure switch with NBR diaphragm and zinc die-cast flange, G 3/8" inner thread, aluminium die-cast cover / Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2JG-SExII2G/D	MDR-F 2 JAA SBA J 005A015 C2XX	0,04 ... 1,89 bar	0,07 0,11	0,11 ... 2 bar	278060	180,00 €
MDR-F 4JG-SExII2G/D	MDR-F 4 JAA SBA J 010A030 C2XX	0,07 ... 3,75 bar	0,15 0,25	0,22 ... 4 bar	278072	182,00 €
MDR-F 8JG-SExII2G/D	MDR-F 8 JAA SBA J 020A060 C2XX	0,2 ... 7,5 bar	0,3 0,5	0,5 ... 8 bar	278085	184,70 €
MDR-F 10JG-SExII2G/D	MDR-F 10 JAA SBA J 040A050 C2XX	0,3 ... 9,2 bar	0,4 0,8	0,7 ... 10 bar	278092	189,40 €
MDR-F 16JG-S Ex II2G/D	MDR-F 16 JAA SBA J 040A120 C2XX	0,4 ... 15 bar	0,6 1,0	1 ... 16 bar	278108	196,80 €
MDR-F 32JG-SExII2G/D	MDR-F 32 JAA SBA J 100A200 C2XX	0,8 ... 30 bar	1,2 2,0	2 ... 32 bar	278115	213,90 €

**MDR-F..HG-S Ex II 2 G/D** **MDR-F ATEX version in explosion-risk units for chemical industries High-pressure switch** with plastic plunger and stainless steel and zinc die-cast flange, G 3/8" inner thread with choke, aluminium die-cast cover  
 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 60JHG-SExII2G/D	MDR-F 60 JHA SBA J 200A400 C2XX	4 ... 52 bar	4 8	8 ... 60 bar	278122	286,60 €
MDR-F 120JHG-SExII2G/D	MDR-F 120 JHA SBA J 200A800 C2XX	8 ... 104 bar	8 16	16 ... 120 bar	278139	309,40 €
MDR-F 250JHG-SExII2G/D	MDR-F 250 JHA SBA J 100B200 C2XX	14 ... 226 bar	12 24	26 ... 250 bar	278146	353,30 €

**MDR-F..HEG-S Ex II 2 G/D** **MDR-F ATEX version in explosion-risk units for chemical industries,** Pressure switch with stainless steel pressure transducer with stainless steel and zinc die-cast flange, G 1/4" inner thread, aluminium die-cast cover  
 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 12JEG-SExII2G/D	MDR-F 12 JEC SBA J 060A070 C2XX	0,5 ... 11,2 bar	0,5 0,8	1 ... 12 bar	278153	213,00 €
MDR-F 30JEG-SExII2G/D	MDR-F 30 JEC SBA J 160A200 C2XX	1 ... 26,4 bar	1,8 3,6	2,8 ... 30 bar	278160	228,40 €

**MDR-F..HEG-S Ex II 2 G/D for Vacuum** **MDR-F ATEX version in explosion-risk units for chemical industries for Vacuum monitoring**  
 Pressure switch with NBR diaphragm and zinc die-cast flange, G 1/4" inner thread, aluminium die-cast cover  
 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 03JG-SExII2G/D	MDR-F 03 JAC SBA J 010V030 C2XX	-0,9 ... 0,15 bar	0,15	-0.75 ... 0.3 bar	278177	328,10 €
MDR-F 3JG-SExII2G/D	MDR-F 3 JAC SBA J 100V150 C2XX	-0,9 ... 2,6 bar	0,2 0,4	-0.7 ... 3 bar	278184	on request

**MDR-F .. H-S UL** **Type overview MDR-F .. H...UL** Pressure switch with NBR diaphragm and aluminium die-cast flange, G 3/8" inner thread - catalogue page 66 -  
 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (psi)	Smallest pres-sure diff. (psi)*	Adjustable cut-out pressure (psi)	Part-Number	Price €/Piece
MDR-F 2H-S UL	MDR-F 2 HAA SAA A 008D020 EXXX	0,6 ... 27 psi	1 2	1,6 ... 29 psi	269885	on request
MDR-F 4H-S UL	MDR-F 4 HAA SAA A 015D040 EXXX	1 ... 54 psi	2 4	3 ... 58 psi	269892	on request
MDR-F 8H-S UL	MDR-F 8 HAA SAA A 030D060 EXXX	3 ... 108 psi	4 8	7 ... 116 psi	269908	on request
MDR-F 16H-S UL	MDR-F 16 HAA SAA A 080D160 EXXX	6 ... 217 psi	9 15	15 ... 232 psi	269922	on request
MDR-F 32H-S UL	MDR-F 32 HAA SAA A 145D290 EXXX	12 ... 435 psi	18 29	30 ... 464 psi	269939	on request

**MDR-F .. HH-S UL** **Type overview MDR-F .. HH...UL - High Pressure switch** with stainless steel pressure. Pressure switch with stainless steel pressure transducer with stainless steel and aluminium die-cast flange, G 3/8" inner thread with choke - catalogue page 65 -  
 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (psi)	Smallest pres-sure diff. (psi)*	Adjustable cut-out pressure (psi)	Part-Number	Price €/Piece
MDR-F 60HH-S UL	MDR-F 60 HHA SAA A 290D580 EXXX	58 ... 754 psi	58 116	116 ... 870 psi	269946	on request
MDR-F 120HH-S UL	MDR-F 120 HHA SAA A 058E116 EXXX	116 ... 1508 psi	116 232	232 ... 1740 psi	269953	on request
MDR-F 250HH-S UL	MDR-F 250 HHA SAA A 145E290 EXXX	203 ... 3227 psi	174 348	337 ... 3625 psi	269960	on request



**MDR-F .. H-S UL for Vacuum** **Type overview MDR-F .. H...UL for monitoring vacuum.** Pressure switch with NBR diaphragm and aluminium die-cast flange, G 1/4" inner thread, aluminium die-cast cover  
catalogue page 64 - 67 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (psi)	Smallest pres-sure diff. (psi)*	Adjustable cut-out pressure (psi)	Part-Number	Price €/Piece
MDR-F 03H-S UL	MDR-F 03 HAC SAA A 010V030 EXXX	-13,05 ... 2,17 psi	2,175	-10,875 ... 4,35 psi	269977	on request
MDR-F 3H-S UL	MDR-F 3 HAC SAA A 100V150 EXXX	-13,05 ... 37,7 psi	2,9 5,8	-10,15 ... 43,5 psi	269984	on request

**MDR-F..H (G)** **Type overview MDR-F .. H (G) for Vacuum monitoring, suffix G for gold-flashed contacts .** Pressure switch with NBR diaphragm and die-cast aluminum flange for oil, water and air etc., G 1/4" inner thread  
catalogue page 67 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 03H-S	MDR-F 03 HAC SAA A 010V030 XXXX	-0,9 ... 0,15 bar	0,15	-0,75 ... 0,3 bar	264019	159,80 €
MDR-F 03HG-S	MDR-F 03 HAC SBA A 010V030 XXXX	-0,9 ... 0,15 bar	0,15	-0,75 ... 0,3 bar	264026	175,50 €
MDR-F 3H-S	MDR-F 3 HAC SAA A 100V150 XXXX	-0,9 ... 2,6 bar	0,2 0,4	-0,7 ... 3 bar	264057	161,00 €
MDR-F 3HG-S	MDR-F 3 HAC SBA A 100V150 XXXX	-0,9 ... 2,6 bar	0,2 0,4	-0,7 ... 3 bar	264064	176,80 €

**MDR-F..H .. 2W** **Type overview MDR-F .. H...LF, DPDT version.** Pressure switch with NBR diaphragm and aluminium die-cast flange for oil, water and air etc., G 3/8" inner thread - catalogue page 67 Article group "1060"

Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2H-2W-S	MDR-F 2 HAA LFA D 005A015 XXXX	0.04 ... 1.84 bar	0.08 ... 0,16	0.12 ... 2 bar	269717	on request
MDR-F 4H-2W-S	MDR-F 4 HAA LFA D 010A030 XXXX	0.07 ... 3.65 bar	0.18 0.35	0.25 ... 4 bar	269724	on request
MDR-F 8H-2W-S	MDR-F 8 HAA LFA D 020A060 XXXX	0.2 ... 7.3 bar	0.35 0.7	0.55 ... 8 bar	269731	on request
MDR-F 10H-2W-S	MDR-F 10 HAA LFA D 040A050 XXXX	0.3 ... 8.9 bar	0.45 1.1	0.75 ... 10 bar	269748	on request
MDR-F 16H-2W-S	MDR-F 16 HAA LFA D 040A120 XXXX	0.4 ... 14.6 bar	0.7 1,4	1.1 ... 16 bar	269755	on request
MDR-F 32H-2W-S	MDR-F 32 HAA LFA D 100A200 XXXX	0.8 ... 29.2 bar	1.4 2.8	2.2 ... 32 bar	269762	on request

**MDR-F..Y .. 2W** **Type overview MDR-F .. H...LF, DPDT version.** Pressure switch with NBR diaphragm and plastic flange, for example, for purified water, G 3/8" inner thread - catalogue page Article group "1060"

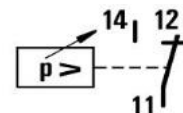
Type	Matchcode	Adjustable cut-in pressure (bar)	Smallest pres-sure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-F 2Y-2W-S	MDR-F 2 YAA LFA D 005A015 XXXX	0.04 ... 1.84 bar	0.08 ... 0.16	0.12 ... 2 bar	269779	on request
MDR-F 4Y-2W-S	MDR-F 4 YAA LFA D 010A030 XXXX	0.07 ... 3.65 bar	0.18 0.35	0.25 ... 4 bar	269786	on request
MDR-F 8Y-2W-S	MDR-F 8 YAA LFA D 020A060 XXXX	0.2 ... 7.3 bar	0.35 0.7	0.55 ... 8 bar	269793	on request
MDR-F 10Y-2W-S	MDR-F 10 YAA LFA D 040A050 XXXX	0.3 ... 8.9 bar	0.45 1.1	0.75 ... 10 bar	269709	on request
MDR-F 16Y-2W-S	MDR-F 16 YAA LFA D 040A120 XXXX	0.4 ... 14.6 bar	0.7 1,4	1.1 ... 16 bar	269716	on request

**Accessories MDR - F** catalogue page 69 Article group "1900"

Type	Description	Part-Number	Price €/Piece
MDR-F M20 M	Cable glands M20 - metal	254249	5,20 €
MDR-F M20 K	Cable glands M20 - plastic	259503	2,60 €
MDR-F D-32	MDR-F up to 32 bar, throttle	254256	2,20 €
MDR-F D+32	MDR-F as of 32 bar, throttle	254263	2,40 €
MDR-F cover	MDR-F cover, transparent, standard	254270	10,90 €
MDR-F cover R	MDR-F cover, transparent, for manual reset	254287	13,10 €
MDR-F cover zinc	MDR-F cover zinc, for atex-design format for the mining sector	268307	23,10 €
MDR-F cover alu	MDR-F cover aluminium, for atex-design format for the industrial sector	265436	15,80 €
MDR-F RT-1	Reset push-buttons for mounting on cover R	254294	14,10 €



**Control Pressure Switch MDR- P**  
- product for industrial customers -



**MDR - P** Pressure Switch with NBR diaphragm, 1 SPST, 10-piece packing unit  
Pressure connection: G 1/4" outer thread brass, connection configuration according to DIN  
catalogue page 72 - 74 Article group "1080"

Type	Adjustable cut-in pressure (bar)	Pressure difference (bar)*	Adjustable cut-out pressure (bar)	Factory setting (bar)	Part-Number	Price €/Piece
MDR-P 23	0,2 ... 4,5 bar	0,3 ... 3,5	0,5 ... 5 bar	3,5 - 4 bar	270027	on request
MDR-P 24	0,5 ... 6 bar	1,5 ... 2,5	2 ... 8,5 bar	1,3 - 2,8 bar	270034	on request
MDR-P 12	2,5 ... 2 bar	2,5 ... 3,8	5 ... 13 bar	5,0 - 8,0 bar	270041	on request
MDR-P 13	4 ... 14,2 bar	1,0 ... 1,8	5 ... 16 bar	11,5 - 13 bar	270058	on request

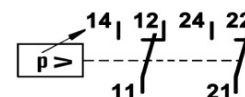
\* lower ...upper end of range

**Accessories MDR - P**

Type	Description	Part-Number	Price €/Piece
MDR-P LD	MDR-P cable socket, 10 pieces	263951	on request



**Control Pressure Switch MDR- K**  
- product for industrial customers -



**Control Pressure Switch MDR - K**  
catalogue page 75 - 77 Article group "1090"

Type	Adjustable cut-in pressure (bar)	Pressure diff. (bar)*	Adjustable cut-out pressure (bar)	Part-Number	Price €/Piece
MDR-K 2	MDR-K 2 HAK KCA X 010A020	0,4 ... 1,8	0,1 0,2	0,5 ... 4	264514 on request
MDR-K 6	MDR-K 6 HAK KCA X 030A040	1,3 ... 5,5	0,2 0,5	1,5 ... 8	264521 on request
MDR-K 11	MDR-K 11 HAK KCA X 080A090	5,3 ... 10,4	0,4 0,6	5,7 ... 13	264539 on request

\*lower...upper end of range. Additional pressure switch versions are available on request

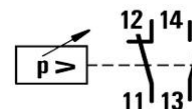
**Accessories MDR - K**

Type	Description	Part-Number	Price €/Piece
MDR-K BK	MDR-K bayonet coupling	264545	on request





## Control Pressure Switch MDR 43

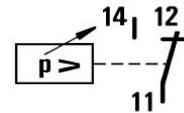


Control Pressure Switch MDR 43		catalogue page 78 - 79			
Type	Pressure range pOff in bar	Flange	Article group "1043"	Part- Number	Price €/ Piece
MDR 43 BAA BAAA xxxA020 XAA XXX	0,5 - 3 bar	G1/2"		212775	84,80 €
MDR 43 BBA BAAA xxxA020 XAA XXX	0,5 - 3 bar	G1/4"		212782	84,80 €
MDR 43 DAA BAAA xxxA040 XAA XXX	2,5 - 6 bar	G1/2"		212799	87,80 €
MDR 43 DBA BAAA xxxA040 XAA XXX	2,5 - 6 bar	G1/4"		212805	87,80 €
MDR 43 GAA BAAA xxxA090 XAA XXX	5 - 11 bar	G1/2"		212812	90,60 €
MDR 43 GBA BAAA xxxA090 XAA XXX	5 - 11 bar	G1/4"		212829	90,60 €
MDR 43 HAA BAAA xxxA120 XAA XXX	8 - 16 bar	G1/2"		212836	93,60 €
MDR 43 HBA BAAA xxxA120 XAA XXX	8 - 16 bar	G1/4"		212843	93,60 €

Accessories MDR 43				
Type	Description	Article group "1900"	Part- Number	Price €/ Piece
WN MDR 2, 4 u. 43	Grommet		200888	3,20 €
PG 11 G	Conduits for mounting cable glands (inner thread)		200895	4,40 €
PG 11 V	Cable gland complete		200901	5,10 €
PG 11 Z	Cable gland with strain relief		200925	5,50 €
PG 11 ZK	Cable gland with strain relief and cable support		200918	6,10 €
PG 13,5 G	Conduits for mounting cable glands (inner thread)		200963	4,50 €
PG 13,5 V	Cable gland complete		200932	5,30 €
PG 13,5 Z	Cable gland with strain relief		200956	5,70 €
PG 13,5 ZK	Cable gland with strain relief and cable support		200949	6,20 €
MW for MDR 4 and 43	Mounting bracket for MDR 4 and 43		230021	7,00 €
H43	Cover for MDR 43 (transparent)		230038	9,00 €



**Control Pressure Switch MDR 53**



<b>Control Pressure Switch MDR 53</b>		catalogue page 80 - 81			
Type	Pressure range pOff in bar	Flange	Article group "1053"	Part- Number	Price €/ Piece
MDR 53 EAA BAAA 075A080 XXX XXX	0,5 - 8 bar	G1/2"		213079	103,30 €
MDR 53 GAA BAAA xxxA110 XXX XXX	6 - 11 bar	G1/2"		216919	108,90 €
MDR 53 HAA BAAA xxxA160 XXX XXX	6 - 16 bar	G1/2"		213086	123,00 €
MDR 53 NAA BAAA xxxA030 XXX XXX	up to 3 bar	G1/2"		213130	139,80 €
MDR 53 OAA BAAA xxxA080 XXX XXX	up to 8 bar	G1/2"		213147	148,30 €

<b>Accessories MDR 53</b>				
Type	Description	Article group "1900"	Part- Number	Price €/ Piece
WN M20	Grommet		269496	3,20 €
VS-M20	Screw plug M20		269502	1,70 €
M20 Z	With strain relief, clamping range 6-12 mm		269533	7,90 €
M20 ZK	With strain relief and cable support, clamping range 6-12 mm		269540	8,10 €
M20 L	With strain relief, clamping range 10-14 mm		269519	7,90 €
M20 LK	With strain relief and cable support, clamping range 10-14 mm		269526	8,10 €
MW MDR 5 + 53	Mounting bracket		230045	8,80 €
H5 (Cover MDR 53)	Cover without On/Off push-buttons		230052	11,70 €
MDR 5 cover seal	Cover seal for MDR 5 and 53 (10 pcs. per carton)		230601	18,10 €



## Electronic Components



### Electronic Components

#### Electronic Pressure Transducer EDI (snap on 35 mm Din-rail connector) - catalogue page 84, 85

Type	Description	Article group "1001"	Part-Number	Price €/Piece
EDI 10	Output signal 4 - 20 mA, measuring range 0 - 10 bar		260219	103,10 €
EDI 16	Output signal 4 - 20 mA, measuring range 0 - 16 bar		260226	103,10 €

#### Electronic Pressure Sensor EDS (o. d. 1/4") - catalogue page 84, 86

Type	Description	Article group "1001"	Part-Number	Price €/Piece
EDS 6	Output signal 4 - 20 mA, measuring range 0 - 6 bar		260233	114,90 €
EDS 10	Output signal 4 - 20 mA, measuring range 0 - 10 bar		260240	117,30 €
EDS 16	Output signal 4 - 20 mA, measuring range 0 - 16 bar		260257	121,40 €
EDS ST	Connecting cap acc. to DIN 43650 A		260264	16,30 €

#### Electronic Pressure Sensor EDR/EDRA (snap on 35 mm Din-rail connector) - catalogue page 84, 87-88

Type	Description	Article group "1002"	Part-Number	Price €/Piece
EDR 2	Measuring range 0.2 - 2 bar		260271	119,60 €
EDR 16	Measuring range 1 - 16 bar		260288	119,60 €
EDRA 16	Measuring range 1 - 16 bar, digital display		260295	232,90 €



### Controls for compressors

#### Electronic Staging and Sequencing Control GLW - catalogue page 92-94

Type	Description	Article group	Part-Number	Price €/Piece
GLW 4	Electronic staging and sequencing control GLW	1003	237761	697,70 €
GLW 4-S	Complete device, pre-wired in plastic enclosure without accessories	6410	255475	959,40 €
GLW 4-SK	Complete device, pre-wired in plastic enclosure with accessories	6410	255482	1.252,00 €



## Level Monitoring



### Float switch

#### Float switch PSN

- catalogue page 107 - 110

Type	Description	Article group "5010"	Part-Number	Price €/Piece
PSN-0 3 m	for emptying, NC, cable length 3 m		234166	43,20 €
PSN-0 5 m	for emptying, NC, cable length 5 m		234173	49,60 €
PSN-0 10 m	for emptying, NC, cable length 10 m		234180	66,80 €
PSN-0 15 m	for emptying, NC, cable length 15 m		234197	82,40 €
PSN-0 20 m	for emptying, NC, cable length 20 m		234203	95,70 €
PSN-0 30 m	for emptying, NC, cable length 30 m		237082	107,60 €
PSN-F 3 m	for filling, NO, cable length 3 m		234210	43,20 €
PSN-F 5 m	for filling, NO, cable length 5 m		234227	49,60 €
PSN-F 10 m	for filling, NO, cable length 10 m		234234	66,80 €
PSN-F 15 m	for filling, NO, cable length 15 m		234241	82,40 €
PSN-F 20 m	for filling, NO, cable length 20 m		234258	95,70 €
PSN-F 30 m	for filling, NO, cable length 30 m		258421	107,60 €
PSN-X 3 m	for filling and emptying, SPDT, cable length 3 m		234265	46,40 €
PSN-X 5 m	for filling and emptying, SPDT, cable length 5 m		234272	53,20 €
PSN-X 10 m	for filling and emptying, SPDT, cable length 10 m		234289	70,10 €
PSN-X 15 m	for filling and emptying, SPDT, cable length 15 m		234296	85,10 €
PSN-X 20 m	for filling and emptying, SPDT, cable length 20 m		234302	99,30 €
PSN-X 30 m	for filling and emptying, SPDT, cable length 30 m		237174	111,40 €
PSN-O + ST 5 m	for emptying, NC, cable length 5 m, with plug		234319	77,70 €
PSN-O + ST 10 m	for emptying, NC, cable length 10 m, with plug		234326	95,20 €
PSN-F + ST 5 m	for filling, NO, cable length 5 m, with plug		234333	77,70 €
PSN-F + ST 10 m	for filling, NO, cable length 10 m, with plug		234340	95,20 €
PSN-O DB 5 m	for emptying, NC, cable length 5 m, wire breakage and short circuit monitor		234357	56,80 €
PSN-O DB 10 m	for emptying, NC, cable length 10 m, wire breakage and short circuit monitor		234364	74,30 €
PSN-X-SP 5 m	for filling and emptying, SPDT, cable length 5 m for intrinsically safe circuits		234371	63,50 €
PSN-X-SP 10 m	for filling and emptying, SPDT, cable length 10 m for intrinsically safe circuits		234388	90,40 €
PSN-X-SP 15 m	for filling and emptying, SPDT, cable length 15 m for intrinsically safe circuits		236092	99,30 €
PSN-X-SP 20 m	for filling and emptying, SPDT, cable length 20 m for intrinsically safe circuits		236115	112,00 €
PSN-X-SP 30 m	for filling and emptying, SPDT, cable length 30 m for intrinsically safe circuits		245254	127,50 €
PSN-X-SP 40 m	for filling and emptying, SPDT, cable length 40 m for intrinsically safe circuits		245261	140,80 €
<b>Accessories PSN</b>				
BG - PS	Float switch weight, 400 g, housing, color blue		236658	9,30 €
IG - PS	Float switch weight, 180 g, housing, color yellow		234401	5,40 €
K - PS	Cable support		234418	2,10 €
Zener barrier MTL7778 28 V AC	Necessary as an intrinsically safe circuits in the explosion risk area when using float switches		283072	228,30 €
Zener barrier MTL7787 28 V DC	Necessary as an intrinsically safe circuits in the explosion risk area when using float switches		260479	228,30 €



### Level Controls

#### Level Controls ENP

- catalogue page 96, 107, 108

Type	Description	Article group	Part-Number	Price €/Piece
ENP 2.3 oN	measuring range 0,1 - 2,0 m, without follow-up time	6000	260486	219,70 €
ENP 2.3	measuring range 0,1 - 2,0 m, follow-up time	5030	260493	219,70 €
ENP 4.3	measuring range 0,1 - 4,0 m, follow-up time	5030	260509	219,70 €
ENP 10.3	measuring range 0,2 - 10,0 m, follow-up time	5030	260516	219,70 €



## Electronic level switch

### Electronic level switch ENR 2

- catalogue page 96, 107, 108

Type	Description	Article group "5030"	Part-Number	Price €/Piece
ENR 2	Measuring range 0,1 - 2 m		260523	120,90 €



## Level Relays

### Level Relays HRH-5, THM-1 and TH420

- catalogue page 96, 109-110

Type	Description	Article group	Part-Number	Price €/Piece
HRH-5	Relay for level monitoring 24...240 V-AC / DC	5030	250203	77,30 €

### Accessories Level Relays HRH-5 / THM-1 / TH420

TEL-00	Electrode	5030	236467	21,00 €
TEL-05	Electrode with 5 m cable	5030	260684	54,10 €
TEL-10	Electrode with 10 m cable	5030	260691	67,40 €
TEL-20	Electrode with 20 m cable	5030	260707	90,00 €
TEL-TW-05	Electrode with 5 m cable, for potable water	5030	260714	85,50 €
TEL-TW-10	Electrode with 10 m cable, for potable water	5030	260721	115,10 €
TEL-TW-20	Electrode with 20 m cable, for potable water	5030	260738	163,70 €



## Stainless Steel Level Sensor

### Stainless Steel Level Sensor ENS

- catalogue page 96, 111-112

Type	Description	Article group "6950"	Part-Number	Price €/Piece
ENS 1/10	Measuring range up to 1,0 m, cable length 10 m		245414	433,70 €
ENS 4/10	Measuring range up to 4,0 m, cable length 10 m		290193	440,30 €
ENS 10/15	Measuring range up to 10,0 m, cable length 15 m		290049	472,80 €
ENS 1/10 EX	Measuring range up to 1,0 m, cable length 10 m, Ex approved		245421	504,30 €
ENS 1/15 EX	Measuring range up to 1,0 m, cable length 15 m, Ex approved		245438	536,30 €
ENS 1/20 EX	Measuring range up to 1,0 m, cable length 20 m, Ex approved		290025	559,50 €
ENS 1/25 EX	Measuring range up to 1,0 m, cable length 25 m, Ex approved		245445	601,40 €
ENS 1/30 EX	Measuring range up to 1,0 m, cable length 30 m, Ex approved		245452	644,50 €
ENS 4/10 EX	Measuring range up to 4,0 m, cable length 10 m, Ex approved		242673	514,30 €
ENS 4/15 EX	Measuring range up to 4,0 m, cable length 15 m, Ex approved		242680	536,30 €
ENS 4/20 EX	Measuring range up to 4,0 m, cable length 20 m, Ex approved		290209	569,40 €
ENS 4/25 EX	Measuring range up to 4,0 m, cable length 25 m, Ex approved		290216	615,70 €
ENS 4/30 EX	Measuring range up to 4,0 m, cable length 30 m, Ex approved		290230	656,60 €
ENS 4/40 EX	Measuring range up to 4,0 m, cable length 40 m, Ex approved		290247	719,50 €
ENS 10/10 EX	Measuring range up to 10,0 m, cable length 10 m, Ex approved		242703	494,30 €
ENS 10/15 EX	Measuring range up to 10,0 m, cable length 15 m, Ex approved		242697	527,50 €

### Accessories Stainless Steel Level Sensor ENS

Article group "6959"

Galvanized strain relief clamp	Galvanized strain relief clamp for ENS		290223	12,30 €
Stainless Steel relief clamp	Stainless Steel relief clamp for ENS		282396	105,00 €
Protective cap	Protective cap for level sensor as replacement		282372	on request
Terminal box	to extend the connection line of electronic immersion sensors		282389	116,90 €



**NEW**

## Suspended float switch of th series "T"

Suspended float switch		- see product data sheet			
Type		Application areas / Description	Article group "6952"	Part-Number	Price €/Piece
WASTE	<b>NEW</b> yellow	for Dirty water systems; 20 m / 65,6 ft max. Depth; IP 68		286431	42,00 €
ACS	<b>NEW</b> blue	for water main, drinkable water fountains; 20 m / 65,6 ft max. Depth; IP 68		286448	53,40 €
SiHF	<b>NEW</b> red	Resistant to heat and servere temperature changes(max. 80°C /+176°F); 20 m/ 65,6 ft max. Depth; IP IP68		286455	133,10 €
FEP	<b>NEW</b> white	Suitable for immersion in: hydrocarbons, medical and scientific plants...; 20 m/ 65,6 ft max. Depth; IP 68		286462	265,40 €
ATEX-Schutz *	<b>NEW</b> black	For use in explosive environments*. Suitable for level regulation in drainage plants, pumping stations and dirty water systems...; <b>10 m /32,6 ft</b> max. Depth; IP68		285618	84,90 €
ATEX-Schutz*	<b>NEW</b> black	For use in explosive environments*. Suitable for level regulation in drainage plants, pumping stations and dirty water systems...; <b>20 m /65,6 ft</b> max. Depth; IP68		285625	119,50 €

\*The rules of the DIN EN 60079 to be observed!

### Accessories Suspended float switch

Type	Description	Article group "6959"	Part-Number	Price €/Piece
Galvanized strain relief clamp	Galvanized strain relief clamp for ENS		290223	12,30 €
Stainless Steel relief clamp	Stainless Steel relief clamp for ENS		282396	105,00 €

### Accessories Level Controls / Electronic level switch

- catalogue page 113, 114

Type	Description	Article group	Part-Number	Price €/Piece
OGL-8	Open wet bell with screw connection for PL-8/6	6930	260530	46,00 €
OGL Installation kit	Installation kit for OGL-8, stainless steel, screw tube clamp and stair bolt		282198	17,10 €
OGL-GU	Open wet bell with screw connection for PL-8/6, chain length 2,9 m	6939	290117	92,80 €
Pneumatic tube (PL)	Pneumatic tube (PL)	6930		
PL-8/6, 10 m	10 m cable PL-8/6	6939	260554	25,40 €
PL-8/6, 20 m	20 m cable PL-8/6	6939	260561	50,80 €
PL-8/6, 1 m	Length > 20 m, each m (max. length per cable 100 m)	6939	260578	2,60 €
PL-6/4, 1 m	Pneumatic tube PL-6 (price / m)	6939	260585	2,40 €
Screw connections 1/8"	Screw connection 1/8" for OGL-8 GU / GGL-8	6939	260592	11,00 €
R-SCH	Reducing screw connector for PL from PL-8/6 to PL-6/4	6939	260615	4,10 €
T-ST 6	T-plug connector for PL -6/4 for aeration	6939	260622	7,90 €
T-SCH 8	T-screw connector for PL -8/6 for aeration		260639	4,30 €
Rena-Air 100	Small compressors for aeration, incl. check and security valve with T-screw connector for PL-8/6 (120 L/h; 150 mb; 3W; 230 V AC IP X4)	6939	260646	92,80 €
Rena-Air 100 in plastic casing	Small compressors for aeration, incl. check and security valve with T-screw connector for PL-8/6 in an ABS-plastic casing , e.g. usable with open wet bells	6939	260653	165,60 €



### Pump control CPS-B

#### Pump control CPS-B with direct starting up to 4 kW

- catalogue page 115

Type	Number of pumps	Adjustable range for motor rated	Article group	Part-Number	Price €/Piece
CPS-B1 / 1,0-1,6A	1	1,0 - 1,6 A	6210	280002	685,40 €
CPS-B1 / 1,6-2,5A	1	1,6 - 2,5 A	6210	280019	685,40 €
CPS-B1 / 2,5-4,0A	1	2,5 - 4,0 A	6210	280026	685,40 €
CPS-B1 / 4,0-6,3A	1	4,0 - 6,3 A	6210	280033	685,40 €
CPS-B1 / 6,3-9,0A	1	6,3 - 9,0 A	6210	280040	685,40 €
CPS-B2 / 1,0-1,6A	2	1,0 - 1,6 A	6220	280057	843,50 €
CPS-B2 / 1,6-2,5A	2	1,6 - 2,5 A	6220	280064	843,50 €
CPS-B2 / 2,5-4,0A	2	2,5 - 4,0 A	6220	280071	843,50 €
CPS-B2 / 4,0-6,3A	2	4,0 - 6,3 A	6220	280088	843,50 €
CPS-B2 / 6,3-9,0A	2	6,3 - 9,0 A	6220	280095	843,50 €



**NEW**

### Pump control CPS-B

"New generation" with new QVGA color touch screen

#### Pump control CPS-B "New generation" with direct starting up to 4 kW

- see product data sheet

Type	Number of pumps	Adjustable range for motor	Article group	Part-Number	Price €/Piece
CPS-B1 / 1,0-1,6A	<b>NEW</b> 1	1,0 - 1,6 A	6212	286707	on request
CPS-B1 / 1,6-2,5A	<b>NEW</b> 1	1,6 - 2,5 A	6212	286714	on request
CPS-B1 / 2,5-4,0A	<b>NEW</b> 1	2,5 - 4,0 A	6212	286721	on request
CPS-B1 / 4,0-6,3A	<b>NEW</b> 1	4,0 - 6,3 A	6212	286738	on request
CPS-B1 / 6,3-9,0A	<b>NEW</b> 1	6,3 - 9,0 A	6212	286745	on request
CPS-B2 / 1,0-1,6A	<b>NEW</b> 2	1,0 - 1,6 A	6222	286752	on request
CPS-B2 / 1,6-2,5A	<b>NEW</b> 2	1,6 - 2,5 A	6222	286769	on request
CPS-B2 / 2,5-4,0A	<b>NEW</b> 2	2,5 - 4,0 A	6222	286776	on request
CPS-B2 / 4,0-6,3A	<b>NEW</b> 2	4,0 - 6,3 A	6222	286783	on request
CPS-B2 / 6,3-9,0A	<b>NEW</b> 2	6,3 - 9,0 A	6222	286790	on request



### Pump control CPS-B with soft starter

#### Pump control CPS-B with soft starter

Type	Number of pumps	Adjustable range for motor rated	Enclosure	protection according / Article group	Part-Number	Price €/Piece
CPS-B1/SA/4,0-7,5kW	1	5,3 - 16 A	Plastic / BxHxT 400x350x160mm	IP65 / 6211	285809	2.038,00 €
CPS-B1/SA/7,5-11kW	1	8,3 - 25 A	Plastic / BxHxT 400x350x160mm	IP65 / 6211	285816	2.071,00 €
CPS-B2/SA/4,0-7,5kW	2	5,3 - 16 A	Plastic / BxHxT 400x350x160mm	IP65 / 6221	285830	3.112,00 €
CPS-B2/SA/7,5-11 kW	2	8,3 - 25 A	Plastic / BxHxT 400x350x160mm	IP65 / 6221	285847	3.341,00 €



**NEW**

## Pump control CPS-B with soft starter "New Generation" with new QVGA color touch screen

Pump control CPS-B with soft starter "New generation"				- see product data sheet		
Type	Number of pumps	Adjustable range for motor rated	Enclosure	protection according / Article group	Part-Number	Price €/ Piece
CPS-B1/SA/4,0-7,5kW	1 <b>NEW</b>	5,3 - 16 A	Plastic / BxHxT 400x350x160mm	IP65 / 6213	<b>286806</b>	on request
CPS-B1/SA/7,5-11kW	1 <b>NEW</b>	8,3 - 25 A	Plastic / BxHxT 400x350x160mm	IP65 / 6213	<b>286813</b>	on request
CPS-B2/SA/4,0-7,5kW	2 <b>NEW</b>	5,3 - 16 A	Plastic / BxHxT 400x350x160mm	IP65 / 6213	<b>286820</b>	on request
CPS-B2/SA/7,5-11 kW	2 <b>NEW</b>	8,3 - 25 A	Plastic / BxHxT 400x350x160mm	IP65 / 6213	<b>286837</b>	on request

### Accessories CPS-B

Type	Description	Article group	Part-Number	Price €/ Piece
CPS-B Pressure transducer	Measuring range 0-2 m; with tube and screw terminals	6200	280101	88,00 €
CPS-B Package	Additional 4 cable glands M16	6200	280118	14,80 €
CPS-B 230 V	For the use of 230V / AC pumps	6200	280125	96,40 €
CPS-B Alarm system	Battery 12V 1,2Ah + cable set for buffering at power failure	6200	280132	61,80 €
CPS-B Partition plate Zener barrier	Necessary for the use of a Zener barrier in a CPS-B2	6200	280149	9,90 €
Zener barrier MTL7787 28 V DC	Necessary as an intrinsically safe circuits in the explosion risk area when using float switches	6900	260479	228,30 €
CPS-B/-L	Mounting bracket for casing, for a four-point wall attachment.	6200	282587	10,30 €



## Pump control CPS-L

Pump control CPS-L				- catalogue 116 - 117			Article group "6500"	
Type	Number of pumps	Adjustable range for motor rated	Enclosure	main switch	Part-Number	Price €/ Piece		
CPS-L	1	1,0 - 1,6 A	Plastic / BxHxT 200x220x140mm	with	285743	499,00 €		
CPS-L	1	1,6 - 2,5 A	Plastic / BxHxT 200x220x140mm	with	285755	499,00 €		
CPS-L	1	2,5 - 4,0 A	Plastic / BxHxT 200x220x140mm	with	285762	499,00 €		
CPS-L	1	4,0 - 6,0 A	Plastic / BxHxT 200x220x140mm	with	285779	499,00 €		
CPS-L	1	5,5 - 8,0 A	Plastic / BxHxT 200x220x140mm	with	285786	499,00 €		
CPS-L	1	7,0 - 9,0 A	Plastic / BxHxT 200x220x140mm	with	285793	499,00 €		
CPS-L	1	without	Plastic / BxHxT 200x220x140mm	without	285724	423,00 €		

### Accessories CPS-L

Type	Description	Part-Number	Price €/ Piece
CPS-L Cable glands	kit optional	286080	7,50 €
CPS-L Main circuit-breaker	3pol. 32A CPS-L	285663	62,90 €
CPS-L Thermal Overload Relays	1,0 - 1,6 A	285199	39,95 €
CPS-L Thermal Overload Relays	1,6 - 2,5 A	285670	39,95 €
CPS-L Thermal Overload Relays	2,5 - 4,0 A	285687	39,95 €
CPS-L Thermal Overload Relays	4,0 - 6,0 A	285694	39,95 €
CPS-L Thermal Overload Relays	5,5 - 8,0 A	285700	39,95 €
CPS-L Thermal Overload Relays	7,0 - 9,0 A	285717	39,95 €
CPSB	Mounting bracket for casing, for a four-point wall attachment.	282587	10,30 €





## Pump control CPS-M

Pump control CPS-M with direct starting up to 5,5 kW				- catalogue page 118 - 121	Article group "6111"	
Type	Number of pumps	Adjustable range for motor rated	Enclosure	Main circuit-breaker to be ordered sep.	Part-Number	Price €/Piece
CPS-M1/5D/23/016	1	1,0 - 1,6 A	Plastic / BxHxT 200x300x140mm	32A	280156	996,20 €
CPS-M1/5D/23/025	1	1,6 - 2,5 A	Plastic / BxHxT 200x300x140mm	32A	280163	996,20 €
CPS-M1/5D/23/040	1	2,5 - 4,0 A	Plastic / BxHxT 200x300x140mm	32A	280170	996,20 €
CPS-M1/5D/23/063	1	4,0 - 6,3 A	Plastic / BxHxT 200x300x140mm	32A	280187	996,20 €
CPS-M1/5D/24/100	1	6,3 - 10,0 A	Plastic / BxHxT 200x400x140mm	32A	280194	1.019,00 €
CPS-M1/5D/24/130	1	9,0 - 13,0 A	Plastic / BxHxT 200x400x140mm	32A	283058	1.019,00 €
CPS-M1/5D/24/160	1	11,0 - 16,0 A	Plastic / BxHxT 200x400x140mm	32A	280200	1.019,00 €

					Article group "6121"	
CPS-M2/5D/24/016	2	1,0 - 1,6 A	Plastic / BxHxT 200x400x140mm	32A	280217	1.149,00 €
CPS-M2/5D/24/025	2	1,6 - 2,5 A	Plastic / BxHxT 200x400x140mm	32A	280224	1.149,00 €
CPS-M2/5D/24/040	2	2,5 - 4,0 A	Plastic / BxHxT 200x400x140mm	32A	280231	1.149,00 €
CPS-M2/5D/24/063	2	4,0 - 6,3 A	Plastic / BxHxT 200x400x140mm	32A	280248	1.149,00 €
CPS-M2/5D/24/100	2	6,3 - 10,0 A	Plastic / BxHxT 200x400x140mm	32A	280255	1.149,00 €
CPS-M2/5D/24/130	2	9,0 - 13,0 A	Plastic / BxHxT 200x400x140mm	32A	283065	1.295,00 €
CPS-M2/5D/24/160	2	11,0 - 16,0 A	Plastic / BxHxT 200x400x140mm	63A	280262	1.295,00 €

Pump control CPS-M with star / delta starter				- catalogue page 118 - 121	Article group "6112"	
Type	Number of pumps	Adjustable range for motor rated	Enclosure	Main circuit-breaker to be ordered sep.	Part-Number	Price €/Piece
CPS-M1/SD/34/100	1	6,3 - 10,0 A	Plastic / BxHxT 300x400x140mm	25A	280279	1.531,00 €
CPS-M1/SD/34/160	1	11,0 - 16,0 A	Plastic / BxHxT 300x400x140mm	25A	280286	1.587,00 €
CPS-M1/SD/34/200	1	14,0 - 20,0 A	Plastic / BxHxT 300x400x140mm	32A	280293	1.632,00 €
CPS-M1/SD/34/250	1	19,0 - 25,0 A	Plastic / BxHxT 300x400x140mm	63A	280309	1.655,00 €
CPS-M1/SD/34/320	1	24,0 - 32,0 A	Plastic / BxHxT 300x400x140mm	63A	280316	1.779,00 €


					Article group "6122"	
CPS-M2/SD/64/100	2	6,3 - 10,0 A	Plastic / BxHxT 600x400x140mm	32A	280330	2.223,00 €
CPS-M2/SD/64/130	2	9,0 - 13,0 A	Kunststoff / BxHxT 600x400x140mm	63A	285489	2.294,00 €
CPS-M2/SD/64/160	2	11,0 - 16,0 A	Plastic / BxHxT 600x400x140mm	63A	280347	2.294,00 €
CPS-M2/SD/64/200	2	14,0 - 20,0 A	Plastic / BxHxT 600x400x140mm	63A	280354	2.364,00 €
CPS-M2/SD/64/250	2	19,0 - 25,0 A	Plastic / BxHxT 600x400x140mm	80A	280361	2.448,00 €
CPS-M2/SD/66/320	2	24,0 - 32,0 A	Metal / BxHxT 600x600x200mm	100A	280378	3.095,00 €

Pump control CPS-M with soft starter				- sh. Katalogseite 119	Article group "6113"	
Type	Number of pumps	Adjustable range for motor rated	Enclosure	Main circuit-breaker to be ordered sep.	Part-Number	Price €/Piece
CPS-M1/SA/34/063	1	4,0 - 6,3 A	Plastic / BxHxT 300x400x140mm	32A	280392	1.829,00 €
CPS-M1/SA/34/100	1	6,3 - 10,0 A	Plastic / BxHxT 300x400x140mm	32A	280408	1.858,00 €
CPS-M1/SA/34/130	1	9,0 - 13,0 A	Plastic / BxHxT 300x400x140mm	32A	284710	1.995,30 €
CPS-M1/SA/34/160	1	11,0 - 16,0 A	Plastic / BxHxT 300x400x140mm	32A	280415	2.026,00 €
CPS-M1/SA/34/200	1	14,0 - 20,0 A	Plastic / BxHxT 300x400x140mm	32A	280422	2.054,00 €
CPS-M1/SA/64/250	1	19,0 - 25,0 A	Metal / BxHxT 600x400x250mm	63A	280439	3.292,00 €
CPS-M1/SA/64/320	1	24,0 - 32,0 A	Metal / BxHxT 600x400x250mm	63A	280446	3.433,00 €
CPS-M1/SA/66/400	1	28,0 - 40,0 A	Metal / BxHxT 600x600x200mm	80A	280453	3.883,00 €
CPS-M1/SA/66/500	1	35,0 - 50,0 A	Metal / BxHxT 600x600x200mm	100A	280460	3.996,00 €

					Article group "6123"	
CPS-M2/SA/64/063	2	4,0 - 6,3 A	Plastic / BxHxT 600x400x140mm	32A	280484	2.645,00 €
CPS-M2/SA/64/100	2	6,3 - 10,0 A	Plastic / BxHxT 600x400x140mm	32A	280491	2.673,00 €
CPS-M2/SA/64/160	2	11,0 - 16,0 A	Plastic / BxHxT 600x400x140mm	63A	280507	2.870,00 €
CPS-M2/SA/64/200	2	14,0 - 20,0 A	Plastic / BxHxT 600x400x140mm	80A	280514	2.899,00 €
CPS-M2/SA/66/250	2	19,0 - 25,0 A	Metal / BxHxT 600x600x200mm	100A	280521	4.981,00 €
CPS-M2/SA/66/320	2	24,0 - 32,0 A	Metal / BxHxT 600x600x200mm	125A	280538	5.262,00 €
CPS-M2/SA/66/400	2	28,0 - 40,0 A	Metal / BxHxT 600x600x200mm	160A	280545	5.599,00 €
CPS-M2/SA/66/500	2	35,0 - 50,0 A	Metal / BxHxT 600x600x200mm	210A	280552	6.078,00 €



Accessories CPS-M		- catalogue page 118 - 121	Article group "6900"	
Type	Description		Part-Number	Price €/Piece
Main circuit-breaker 3pol. 32A, 9,5kW	Compl. Assembled and wired: attention: total electrical power to be considered!		285878	77,80 €
Main circuit-breaker 3pol. 32A, 11 kW		see previous position	280804	109,10 €
Main circuit-breaker 3pol. 63 A		see previous position	280811	140,80 €
Main circuit-breaker 3pol. 80 A		see previous position	280835	243,20 €
Main circuit-breaker 3pol. 100 A		see previous position	280842	288,30 €
CPS-M Alarm system	Battery 12V 1,2Ah for buffering at power failure		280897	49,40 €
Zener barrier MTL7787 28 V DC	Necessary as an intrinsically safe circuits in the explosion risk area when using float switches		260479	228,30 €
Service technicians	Technical service per hour		280781	60,90 €



NEW

Pumpensteuerung CPS-M plus

**Pump control CPS-M plus - Modular pump control of the latest generation with QVGA color touch screen** Price on request!  
 - see product data sheet -

## Manual Motor Starters



Manual Motor Starters OKE2 / MKE2

Manual Motor Starters OKE 2/MKE 2		- catalogue page 122 - 128	Article group "3210"	
Type	Description		Part-Number	Price €/Piece
OKE 2 016 AA XXX XX	thermal trip, setting range 1,00 - 1,60 A		202721	39,00 €
OKE 2 025 AA XXX XX	thermal trip, setting range 1,60 - 2,50 A		202738	39,00 €
OKE 2 040 AA XXX XX	thermal trip, setting range 2,50 - 4,00 A		202745	39,00 €
OKE 2 063 AA XXX XX	thermal trip, setting range 4,00 - 6,30 A		202752	39,00 €
OKE 2 100 AA XXX XX	thermal trip, setting range 6,30 - 10,0 A		202769	48,60 €
OKE 2 160 AA XXX XX	thermal trip, setting range 10,0 - 16,0 A		202776	48,60 €
OKE 2 250 AA XXX XX	thermal trip, setting range 16,0 - 25,0 A		202783	60,00 €

		- catalogue page 122 - 128	Article group "3120"	
Type	Description		Part-Number	Price €/Piece
MKE 2 001 AA XXX XX	thermal / magn. trip, setting range 0,10 - 0,16 A		202158	39,60 €
MKE 2 002 AA XXX XX	thermal / magn. trip, setting range 0,16 - 0,25 A		202165	39,60 €
MKE 2 004 AA XXX XX	thermal / magn. trip, setting range 0,25 - 0,40 A		202172	41,70 €
MKE 2 006 AA XXX XX	thermal / magn. trip, setting range 0,40 - 0,63 A		202189	48,40 €
MKE 2 010 AA XXX XX	thermal / magn. trip, setting range 0,63 - 1,00 A		202196	48,40 €
MKE 2 016 AA XXX XX	thermal / magn. trip, setting range 1,00 - 1,60 A		202202	48,40 €
MKE 2 025 AA XXX XX	thermal / magn. trip, setting range 1,60 - 2,50 A		202219	48,40 €
MKE 2 040 AA XXX XX	thermal / magn. trip, setting range 2,50 - 4,00 A		202226	48,40 €
MKE 2 063 AA XXX XX	thermal / magn. trip, setting range 4,00 - 6,30 A		202233	48,40 €
MKE 2 100 AA XXX XX	thermal / magn. trip, setting range 6,30 - 10,0 A		202240	55,40 €
MKE 2 160 AA XXX XX	thermal / magn. trip, setting range 10,0 - 16,0 A		202257	55,40 €
MKE 2 250 AA XXX XX	thermal / magn. trip, setting range 16,0 - 25,0 A		202264	65,60 €



Accessories OKE 2/MKE 2 - *Auxiliary contacts, shunt and undervoltage releases are only available mounted - catalogue page 122 -128			
Type	Description	Article group "3900"	Part-Number Price €/Piece
Hi 10 *	Auxiliary switch, 1NO right		202288 6,40 €
Hi 01 *	Auxiliary switch, 1NC right		202301 6,40 €
Hi 11 *	Auxiliary switch, 1NO / 1NC		202325 9,60 €
AS 230-50	Shunt trip, 230 V / 50 Hz		202479 26,00 €
AS 400-50	Shunt trip, 400 V / 50 Hz		202486 26,00 €
US 110-50	Undervoltage coil, 110 V / 50 Hz		202370 26,00 €
US 230-50	Undervoltage coil, 230 V / 50 Hz		202387 26,00 €
US 400-50	Undervoltage coil, 400 V / 50 Hz		202400 26,00 €

Accessories OKE 2/MKE 2 (Enclosure) - catalogue page 122 - 128			
Type	Description	Article group "3900"	Part-Number Price €/Piece
A IP 41	Enclosure, degree of protection IP 41, up to 16 A		202547 8,00 €
A IP 55	Enclosure, degree of protection IP 55, up to 16 A		202554 13,10 €
B IP 55	Enclosure with ample wiring room, degree of protection IP 55		202561 31,20 €
C IP 54	Enclosure, degree of protection IP 54, 5 pole, CEE plug 16 A		202585 49,50 €
E IP 54	Front plate, degree of protection IP 54		202622 11,80 €
NAK	Emergency off button, degree of protection IP 55		202653 13,90 €
V	Padlock blockade device, degree of protection IP 55		202660 9,20 €
AZ	Supplementary set, degree of protection from IP 41 to IP 55		216742 4,00 €



## Manual Motor Starters TFE2 / TFA2

Manual Motor Starters TFE2 / TFA2, Auxiliary contacts are only available mounted - catalogue page 122, 129 - 132			
Type	Description	Article group	Part-Number Price €/Piece
TFE 2 230 AA XXX XX	Standard unit 0,40 - 10,0 A	3240	210078 66,90 €
TFA 2 400 AA XXX XX	Standard unit 0,10 - 25,0 A	3230	210061 100,80 €

Accessories TFE 2 / TFA 2, Auxiliary contacts are only available mounted - catalogue page 122, 129 - 132			
Type	Description	Article group "3900"	Part-Number Price €/Piece
Hi 10	Auxiliary switch, 1NO right		202288 6,40 €
Hi 01	Auxiliary switch, 1NC right		202301 6,40 €
Hi 11 (TFE)	Auxiliary switch, 1NO / 1NC		202325 9,60 €

Accessories TFE 2 / TFA 2 (Enclosure) - catalogue page 122, 129 - 132			
Type	Description	Article group "3900"	Part-Number Price €/Piece
A IP 55	Enclosure, degree of protection IP 55, up to 16 A		202554 13,10 €
B IP 55	Enclosure with ample wiring room, degree of protection IP 55		202561 18,50 €
E IP 54	Front plate, degree of protection IP 54		202622 11,80 €
NAK	Emergency off button, degree of protection IP 55		202653 13,90 €
V	Padlock blockade device, degree of protection IP 55		202660 9,20 €
AZ	Supplementary set, degree of protection from IP 41 to IP 55		216742 4,00 €



## Manual Motor Starters OKN

Manual Motor Starters OKN		- catalogue page 122, 133 - 135		
Type	Description	Article group "3100"	Part-Number	Price €/Piece
OKN- 004 AA XXX XX	thermal / magn. trip, setting range 0.25 - 0.40 A		203391	37,70 €
OKN- 006 AA XXX XX	thermal / magn. trip, setting range 0.40 - 0.63 A		203407	37,70 €
OKN- 010 AA XXX XX	thermal / magn. trip, setting range 0.63 - 1.00 A		203414	37,70 €
OKN- 016 AA XXX XX	thermal / magn. trip, setting range 1.00 - 1.60 A		203421	37,70 €
OKN- 025 AA XXX XX	thermal / magn. trip, setting range 1.60 - 2.50 A		203438	37,70 €
OKN- 040 AA XXX XX	thermal / magn. trip, setting range 2.50 - 4.00 A		203445	37,70 €
OKN- 063 AA XXX XX	thermal / magn. trip, setting range 4.00 - 6.30 A		203452	37,70 €
OKN- 100 AA XXX XX	thermal / magn. trip, setting range 6.30 - 10.0 A		203469	51,40 €
OKN- 160 AA XXX XX	thermal / magn. trip, setting range 10.0 - 16.0 A		203476	51,40 €
OKN- 220 AA XXX XX	thermal / magn. trip, setting range 16.0 - 22.0 A		203483	59,20 €
OKN- 270 AA XXX XX	thermal / magn. trip, setting range 22.0 - 27.0 A		203490	62,00 €
OKN- 300 AA XXX XX	thermal / magn. trip, setting range 22.0 - 30.0 A, 2 pole		203506	74,70 €
OKN- 370 AA XXX XX	thermal / magn. trip, setting range 28.0 - 37.0 A, 2 pole		236665	100,90 €

## Accessories OKN

Type	Description	Article group "3900"	Part-Number	Price €/Piece
H	Enclosure H, degree of protection IP 54		203513	11,20 €



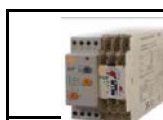
## Star/delta connection C-SDU

Star/delta connection C-SDU		- catalogue page 122, 136 - 137		
Type	Description	Article group "6430"	Part-Number	Price €/Piece
<b>Complete version</b>				
C-SDU 5,5 complete	5,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 9 - 13 A (rated current)		256601	601,70 €
C-SDU 7,5 complete	7,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 14 - 20 A (rated current)		256618	622,70 €
C-SDU 11,0 complete	11 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 19 - 25 A (rated current)		256625	661,50 €
C-SDU 15,0 complete	15 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 28 - 40 A (rated current)		256632	686,70 €
<b>Standard version</b>				
C-SDU 5,5 standard	5,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 9 - 13 A (rated current)	Article group "6430"	256656	404,70 €
C-SDU 7,5 standard	7,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 14 - 20 A (rated current)		256663	426,10 €
C-SDU 11,0 standard	11 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 19 - 25 A (rated current)		256670	447,50 €
C-SDU 15,0 standard	15 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/N/PE manual motor starter: 28 - 40 A (rated current)		256687	479,70 €
<b>Standard version with transformer (trafo)</b>				
C-SDU 5,5 Trafo	5,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/PE manual motor starter: 9 - 13 A (rated current)	Article group "6430"	256717	597,40 €
C-SDU 7,5 Trafo	7,5 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/PE manual motor starter: 14 - 20 A (rated current)		256724	618,70 €
C-SDU 11,0 Trafo	11 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/PE manual motor starter: 19 - 25 A (rated current)		256731	640,10 €
C-SDU 15,0 Trafo	15 kW, Ue: 400V AC / 50 Hz, Supply line: 3L/PE manual motor starter: 28 - 40 A (rated current)		256748	672,20 €



### Test devices

Test devices		- catalogue page 138 - 140		
Type	Description	Article group "2010"	Part-Number	Price €/Piece
Variotest	Acoustic Universal Tester		260301	55,70 €
Rotatest	Phase sequence with optical indication		260318	60,20 €
CSG420 (Replacement for SGITE)	Adjustable sensor simulator		249634	116,90 €



### Multifunction timer relays

Multifunction timer relays		- catalogue page 138, 143 -148		
Type	Description	Article group "2010"	Part-Number	Price €/Piece
FMF	Multifunction timer relay in compact industrial standard casing		230403	128,30 €
IMF	Multifunction timer relay		230410	105,50 €



## **Condor Pressure Control GmbH**

Warendorfer Straße 47 - 51  
D-59320 Ennigerloh

Telefon +49 (0) 2587 / 89 - 0  
Telefax +49 (0) 2587 / 89 - 140

info@condor-cpc.com  
www.condor-cpc.com