

Pressure switch MDR 2



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Single phase
Switching capacity 2.2 kW
Max. cut-out pressure 12 bar
2-pole (N.C.)
Acc. to EN 60947

Type overview MDR 2

Order reference	ON / OFF Rotary knob	Pressure range P_{OFF} in bar	Flange	Weight in g	Part No.
MDR-2 DBA AAAA 015A030 XAA XXX	EA	1.5 - 7	G 1/4"	300	212164
MDR-2 GBA AAAA 070A090 XAA XXX	EA	4 - 12	G 1/4"	300	212171
MDR-2 GEA AAAA 070A090 XAA XXX	EA	4 - 12	F4 1/4"	320	212188
MDR-2 GFA AAAA 070A090 XAA XXX	EA	4 - 12	F4 3/8"	320	212195
MDR-2 GDA AAAA 070A090 XAA XXX	EA	4 - 12	F4 1/2"	320	212201
MDR-2 DBA BAAA 015A030 XAA XXX	-	1.5 - 7	F4 1/4"	300	217381
MDR-2 GBA BAAA 070A090 XAA XXX	-	4 - 12	F4 1/4"	300	217404
MDR-2 GEA BAAA 070A090 XAA XXX	-	4 - 12	F4 1/4"	320	219408
MDR-2 GFA BAAA 070A090 XAA XXX	-	4 - 12	F4 3/8"	320	226888
MDR-2 GDA BAAA 070A090 XAA XXX	-	4 - 12	F4 1/2"	320	226895

Unloader valves and cable glands for retrofitting see Accessories!

Technical Data MDR 2

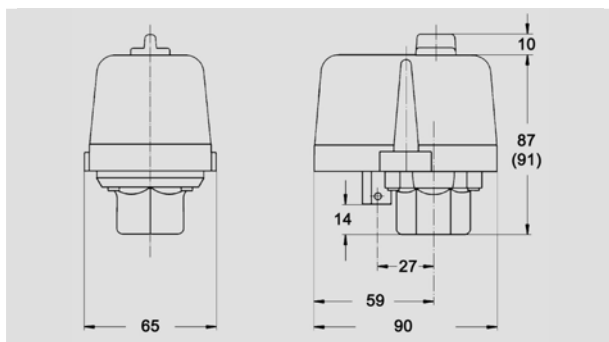
Technical Data MDR 2 acc. to 60947	
Rated insulation voltage U_i	500 V
Motor switching capacity (AC 3) $U_e=240$ V (1~)	2.2 kW
Electrical life (AC 3) Cycles	$> 1 \times 10^5$
Mechanical life Cycles	$> 5 \times 10^6$
Max. electrical cycles Cycles/h	120
Max. mechanical cycles Cycles/h	600
Rated operational current I_e at 240 V AC	20 A
Bursting strength P_z	> 35 bar
Permissible medium temperature Air	- 5...+ 80 °C

Technical Data MDR 2 acc. to 60947	
Permissible medium temperature Water	+ 80 °C
Degree of Protection acc. to EN 60529	IP 44
Conductor cross-section 1 .. fine stranded cable 1 x / 2 x	2.5 / 2.5mm ²
Conductor cross-section 1 rigid cable 1 x / 2 x	2.5 / 2.5mm ²

Diaphragm media resistance MDR 2	
Air, Water	resistant

A detailed overview of diaphragm media resistance for all pressure switches can be found in the table on page 2.11

Dimensions / Circuit Diagrams MDR 2



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