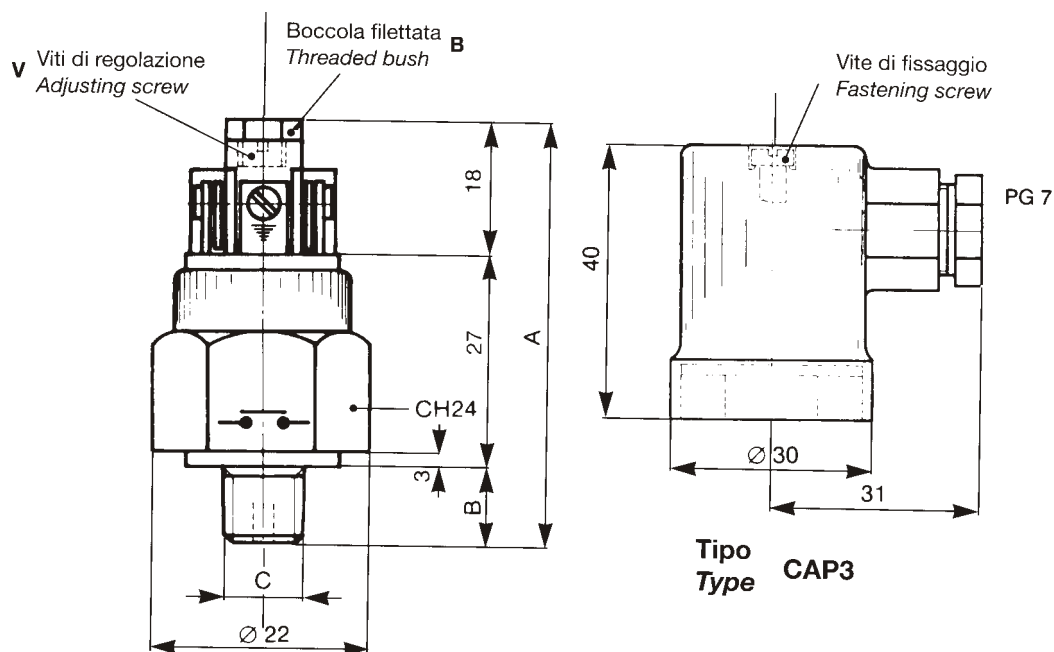


ADJUSTABLE PRESSURE SWITCHES TYPE PMM

Adjustment ranges 0,1 ÷ 300 bar - Max voltage 48 V - Screw terminals



* Contact Open or Closed

MODEL Dimension C	PMM1	PMM2*14K PMM2*10K	PMM10*14K PMM10*10K	PMM20*14K PMM20*10K	PMM50*14K PMM50*10K	PMM80*14K PMM80*10K	PMM150*14K PMM150*10K	PMM250*14K PMM250*10K	PMM300*14K PMM300*10K
A mm	56	58 56	58 56	58 56	58 56	58 56	58 56	58 56	61 59
B mm	10	12 10	12 10	12 10	12 10	12 10	12 10	12 10	12 10

TECHNICAL DATA STANDARD EXECUTION

Max voltage	48 Vac/dc
Current	0,5 A (res.) 0,2 A (ind.)
Temperature range	-5 +60 °C (standard NBR diaphragm. See option)
Max cycle rate @ 25 °C	200/1" diaphragm
Max cycle rate @ 25 °C	80/1" piston
Mechanical life	10 ⁶ cycles
Protection terminals	IP 00
Protection with CAP1	IP 54
Protection with CAP10	IP 54
Tightening torque max.	5 Kgm

MATERIAL STANDARD EXECUTION

24 AF body low pressure	Brass
24 AF body medium/high pressure	Acciaio tropicalizzato
Membrane	NBR
High pressure piston	NBR
Switch housing	Nylon 6,6
Electrical contacts	Silver plated copper
	3 micron
Protection caps	NBR blacks

ADJUSTABLE PRESSURE SWITCHES TYPE PMM

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ORDERING CODE

	PMM	20	C	S	10K	G	T...
TYPE							
PMM							
RANGE							
1-2-10-20-50-80 150-250-300							
CONTACT							
NA (norm. Open) NC (norm. Closed)							
MEMBRANE-PISTON							
(-)-V-S-NT-N-E-MI							
THREADS							
(-)-14K-10K-M12-R14							
SPECIAL EXECUTIONS							
I-P-AP-G-SG-TG							
SET-POINT							
T... T...D T...F							

EXPLANATION CODE

TYPE

PMM Pressure switch, screw terminals

RANGE

PMM 1	0,1 ÷ 1 bar
PMM 2	0,15 ÷ 2 bar
PMM 10	2 ÷ 10 bar
PMM 20	10 ÷ 20 bar
PMM 50	10 ÷ 50 bar
PMM 80	50 ÷ 80 bar
PMM 150	50 ÷ 150 bar
PMM 250	100 ÷ 250 bar
PMM 300	50 ÷ 300 bar

CONTACTS

A	Contact Norm. Open (without pressure)
C	Contact Norm. Closed (without pressure)

MEMBRANE-PISTON

(-)	NBR	-5 +90 °C
NT	HNBR	-40 +140 °C
V	Viton	-5 +90 °C
S	Silicone	-30 +120 °C
N	Neoprene	-10 +90 °C
E	EPDM	-20 +110 °C
MI	Acc. Inox	

THREADS "A"

(-)	G1/8"K taper (A=56 mm)
14K	G1/4"K taper (A=58 mm)
10K	M10 x 1 taper (A=56 mm)
M12	M12 x 1,5 parallel
R14	G1/4" parallel

SPECIAL EXECUTIONS

I	AISI 303 body PMM 2-10-20-50-80 P. Max 150 bar PMM 150 P. Max 300 bar
P	Pocan switch housing -40 +140 °C
G	Gold Contact 3 micron for low current
SG	Degreased for oxygen applications
AP	High pressure execution
TG	Tested for gas applications

SET-POINT

T...	Rise to required value, Ex. T7
T...D	Fall to required value, Ex. T5D

Model	Adjustment range	Type	Body material	Max. Static pressure	A GAS	B mm	C mm	Fixed hysteresis @ 25 °C	Tolerance @ 25°C	Weigh gr
PMM1	0,1 ÷ 1	Membrane	Brass	80 bar	50	10	1/8K	0,1	±0,1	70
PMM2	0,15 ÷ 2			80 bar	50	10	1/8K	0,15	±0,2	70
PMM10	2 ÷ 10			800 bar	50	10	1/8K	0,2	±0,3	70
PMM20	10 ÷ 20		Tropicalized steel	300 bar	50	10	1/8K	0,3	±0,4	70
PMM50	20 ÷ 50			300 bar	50	10	1/8K	0,8	±1	70
PMM80	50 ÷ 80			300 bar	50	10	1/8K	5,5	±2	70
PMM150	50 ÷ 150	Piston		300 bar	50	10	1/8K	10	±5	70
PMM250	100 ÷ 250			600 bar	50	10	1/8K	15	±10	70
PMM300	50 ÷ 300			600 bar	52	10	1/8K	20	±15	80