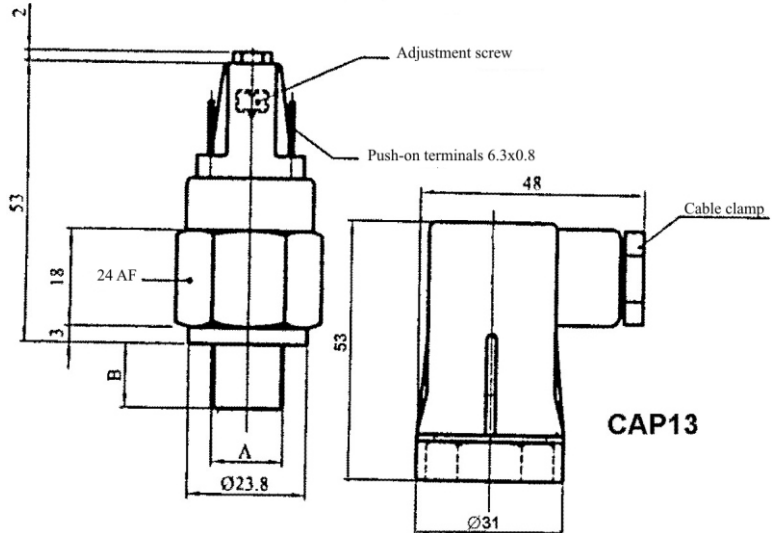


ADJUSTABLE PRESSURE SWITCHES TYPE MS-PS

Adjustment ranges 0,2 ÷ 300 bar - Max voltage 250 V - Contacts NA - NC - SPDT

TECHNICAL DATA STANDARD EXECUTION

Max. voltage	250 Vca
Working voltage	220 Vca
Switch rating	6 (2) A @ 250 Vac 2 (1) A @ 24 Vdc
Switch rating Gold contact	30 mA @ 30 Vdc
Switch insulation	1A / 24 Vdc S/D 50 m/s
Hysteresis	C according to VDE 0110
Temperature range	~15% Set-point value
Max cycle rate @ 25 °C	-40 +140 °C (diaphragm type)
Max cycle rate @ 25 °C	120/1' diaphragm type
Max cycle rate @ 25 °C	10/1' SS diaphragm type
Max cycle rate @ 25 °C	160/1' piston type
Mechanical life	10° cicli
Protection terminal	IP 00
Protezione with CAP13	IP 65
Tightening torque max.	5 Kgm



ORDERING CODE

MS 50 SC W NT R14 G T..

TYPE	MS
RANGE	2-10-50-100-150-300
CONTACT	A - C - SC
BODY	(-) - I - W
MEMBRANE-PISTON	(NT) - V - S - N - E - MI
TRHEADS	R18-R14-M10-M12-18NPT
SPECIAL EXECUTIONS	G - SG - AP - TG
SET-POINT	T... T...D

EXPLANATION CODE

TYPE	MS	Diaphragm pressure switch
	PS	Piston pressure switch
RANGE	MS 2	0,2 ÷ 2 bar
	MS 10	1 ÷ 10 bar
	MS 50	10 ÷ 50 bar
	MS 100	10 ÷ 100 bar
	PS 150	30 ÷ 150 bar
	PS 300	50 ÷ 300 bar
CONTACTS	A	Normally Open (without pressure)
	C	Normally Closed (without pressure)
	SC	SPDT C/O contact (without pressure)
BODY	(-)	Brass (MS 2/10)
	(-)	Tropicalized steel (MS 50/100, PS 150/300)
	I	AISI 303 Stainless steel
	W	AISI 316 Stainless steel
MEMBRANE	NT	HNBR -40 +140 °C (standard)
	V	Viton -5 +90 °C
	S	Silicone -30 +120 °C
	N	Neoprene -10 +110 °C
	E	EPDM -20 +110 °C
	MI	Acc. Inox (solo MS 2/10)
THREADS "A"	R18	G1/8" parallel (B 10 mm)
	R14	G1/4" parallel (B 12 mm)
	M10	M10 x 1 parallel (B 10 mm)
	M12	M12 x 1,5 parallel (B 12 mm)
	18NPT	1/8" NPT taper (B 10 mm)
SPECIAL EXECUTIONS	G	Gold contacts for low current ≤30 mA
	SG	Degreased for Oxygen applications
	AP	High pressure execution (MS 2/10 Max 300 bar)
	TG	Tested for gas applications
SET-POINT	T...	Rising to required value, Ex. T 175
	T...D	Falling to required value, Ex T 70D

Model	Type	Max. static pressure				Tolerance @ 25°C	Weigh
		Standard	AP	I	W		
MS 2	Membrane	80 bar	300 bar	150 bar	150 bar	± 0,2 bar	100 gr
MS 10		80 bar	300 bar	150 bar	150 bar	± 0,4 bar	
MS 50		300 bar	-	150 bar	150 bar	± 2 bar	
MS 100		300 bar	-	150 bar	150 bar	± 3 bar	
PS 150	Piston	300 bar	-	250 bar	250 bar	± 5 bar	
PS 300		600 bar	-	400 bar	400 bar	± 15 bar	