

PSM-PSP Adjustable pressure switches



Max. voltage	250 Vac
Current	6 (2) A
C/O contacts	SPDT
Adjustable hysteresis	10% - 30% of set-point
Temperature range	-30°C to +140°C (according to diaphragm/gasket material)
Max. cycle rate at 25°C	120/min. (diaphragm type)
Max. cycle rate at 25°C	60/min. (piston type)
Protection	IP 65 DIN 40050
PG09 or PG11 connector	DIN 43650
Mechanical life	10 ⁶ operations
Tightening torque max.	5 Kgm.

IP 65 electric protection

Din 40050 Connector

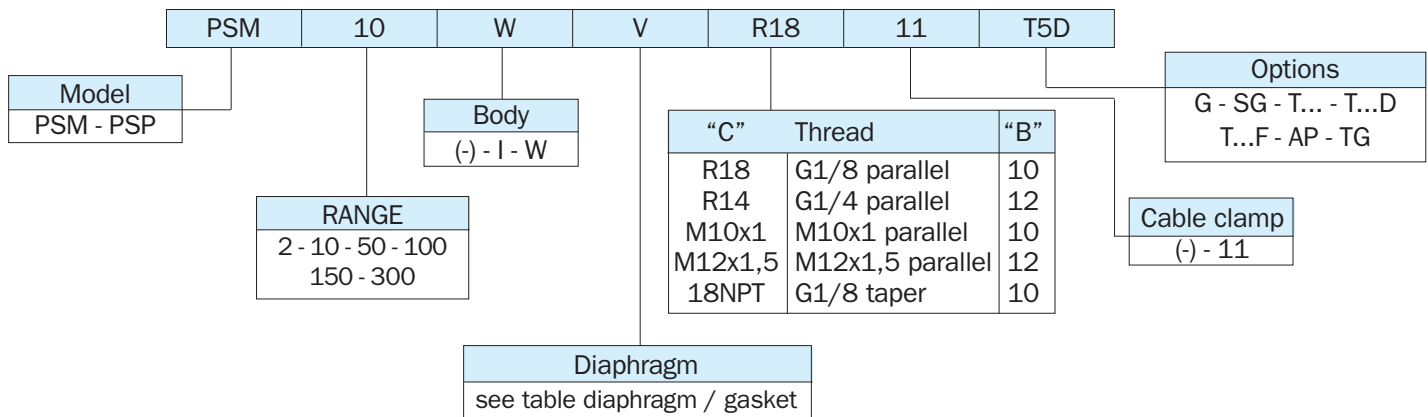


IP 67 electric protection

M12 Connector



HOW TO ORDER



ORDERING INFORMATION

PSM...	Diaphragm pressure switch with SPDT contacts	Threads "C"	R18	G1/8" parallel
PSP...	Piston pressure switch with SPDT contacts		R14	G1/4" parallel
Body material 27 AF	-	Brass (PSM 2 and PSM 10)	M10	M10 x 1 parallel
	-	Tropicalized steel (PSM 50/100, PSP 150/300)	M12	M12 x 1,5 parallel
	I	AISI 303 stainless steel	18NPT	1/8 NPT
	W	AISI 316 stainless steel	Options	G Gold-plated contacts for low current ≤ 30 mA
Diaphragm/Gasket	-	NBR (standard) (-5°C to +90°C)	SG	Degreased for applications with oxygen
	NT	HNBR (-25°C to +140°C)	T...	Set-point adjustment rising at the required value (ex. T2 pressure set rising at 2 bar)
	V	FKM (-5°C to +90°C)	T...D	Set-point adjustment falling at the required value (ex. T2D pressure set falling at 2 bar)
	S	Silicone (-30°C to +120°C)	T...F...	Set-point and hysteresis at the required value if > 10% max 30% of set-point (ex. T40F10 set point at 40 bar with hysteresis at 10 bar) FACTORY SETTING
	C	Neoprene (-10°C to +90°C)	AP	High pressure execution (max. 300 bar) in tropicalized steel for PSM 2 and PSM 10 models
	E	EPDM (-20°C to +110°C)	TG	Tested for applications with gas
	MI	Stainless steel (-30°C to +140°C) (only PSM2 and PSM10)		

IN COMPLIANCE WITH 2004/108 CE RULES EMC N° 147E/96 REPORT.

GENERAL SPECIFICATIONS

MODEL	ADJUSTMENT RELATIVE PRESSURE RANGE bar	DIMENSIONS "A" mm	MAX. STATIC PRESSURE bar				TOLERANCE AT 25 °C bar	EXECUTION	WEIGHT g	
			STANDARD EXECUTION BRASS	STANDARD EXECUTION IN TROPICALIZED STEEL	AP EXECUTION IN TROPICALIZED STEEL ONLY PSM 2/10	AISI 303 STAINLESS STEEL EXECUTION				AISI 316 STAINLESS STEEL EXECUTION
PSM 2	0,2 - 2	73	80			150	150	± 0,2	Diaphragm	100
PSM 10	1 - 10	73	80			150	150	± 0,4		100
PSM 2...AP	0,2 - 2	73	80		300			± 0,2		100
PSM 10...AP	1 - 10	73			300			± 0,4		100
PSM 50	10 - 50	73		300		150	150	± 2		100
PSM 100	10 - 100	73		300		150	150	± 3		100
PSP 150	30 - 150	73		300		250	250	± 5	Piston	100
PSP 300	50 - 300	73		600		400	400	± 15		100