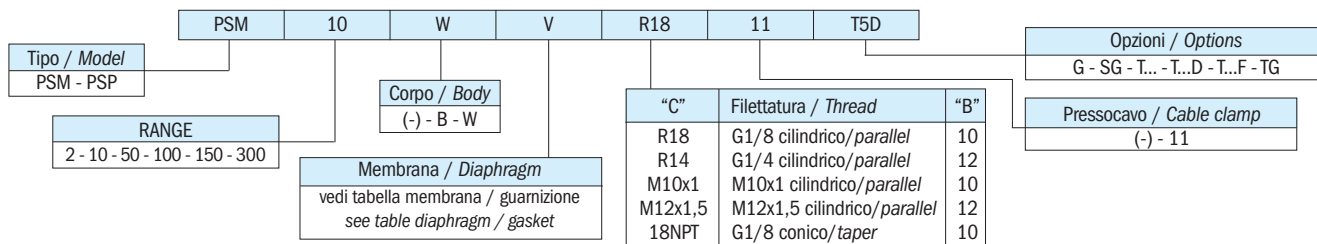




Tensione massima	250 Vca	Max. voltage	250 Vac
Intensità di corrente	6 (2) A	Current	6 (2) A
Contatti elettrici in scambio	SPDT	C/O contacts	SPDT
Differenziale regolabile	10% ± 30% del valore di taratura	Adjustable hysteresis	10% - 30% of set-point
Campo di temperatura	-30°C...+140°C (in funzione della membrana/guarnizione)	Temperature range	-30°C to +140°C (according to diaphragm/gasket material)
Num. max. interventi a 25°C	120/1' (membrana)	Max. cycle rate at 25°C	120/min. (diaphragm type)
Num. max. interventi a 25°C	60/1' (pistone)	Max. cycle rate at 25°C	60/min. (piston type)
Protezione	IP 65 DIN 40050 vedi pagina 2	Protection	IP 65 DIN 40050 see page 2
Connettore PG09 o PG11	DIN 43650	PG09 or PG11 connector	DIN 43650
Vita meccanica	10 ⁶ cicli	Mechanical life	10 ⁶ operations
Coppia di serraggio max.	5 Kg.m.	Tightening torque max.	5 Kg.m.

SIGLA DI ORDINAZIONE / HOW TO ORDER



SPIEGAZIONE DELLE SIGLE DI ORDINAZIONE / ORDERING INFORMATION

PSM...	Pressostato con contatti SPDT a membrana
PSP...	Pressostato con contatti SPDT a pistone
Materiale corpo Ch27 (vedi caratteristiche generali)	B Esecuzione standard in ottone (PSM2 - PSM10) - Esecuzione standard in ottone (PSM50 - PSM100) W Esecuzione in acciaio inox AISI316 (PSP150 - PSP300)
Membrane/Guarnizioni disponibili	- NBR (standard) (-5°C...+90°C) NT HNBR (-25°C...+140°C) V FKM (-5°C...+90°C) S Silicone (-30°C...+120°C) C Neoprene (-10°C...+90°C) E EPDM (-20°C...+110°C) MI Acc. Inox (-30°C...+140°C) (solo PSM2 e PSM10)
Attacchi filettati "C"	R18 G1/8 cilindrico R14 G1/4 cilindrico M10 M10 x 1 cilindrico M12 M12 x 1.5 cilindrico 18NPT 1/8 NPT
Esecuzioni speciali	G Contatti dorati per bassa corrente SG Sgrassati per ossigeno T... Taratura in salita (es. T2 taratura a 2 bar) T...D Taratura in discesa (es. T2D taratura in discesa a 2 bar) T...F Taratura del pressostato e del differenziale se >10% max. 30% valore taratura (es. T40 F10 taratura in salita a 40bar con differenziale di 10 bar) TARATURA IN ELETTROTEC TG Testati per utilizzo con gas

IN CONFORMITÀ ALLE NORME 2004/108 CE RELAZIONE EMC N° 147E/96.

PSM...	Diaphragm pressure switch with SPDT contacts
PSP...	Piston pressure switch with SPDT contacts
27AF body material	- Standard execution brass (PSM2 - PSM10) B Standard execution brass (PSM50 - PSM100) W AISI316 Standard execution steel (PSP150 - PSP300)
Diaphragm/Gasket	- NBR (standard) (-5°C to +90°C) NT HNBR (-25°C to +140°C) V FKM (-5°C to +90°C) S Silicone (-30°C to +120°C) C Neoprene (-10°C to +90°C) E EPDM (-20°C to +110°C) MI Stainless steel (-30°C to +140°C) (only PSM2 and PSM10)
Threads "C"	R18 G1/8 parallel R14 G1/4 parallel M10 M10 x 1 parallel M12 M12 x 1.5 parallel 18NPT 1/8 NPT
Options	G Gold-plated contacts for low current SG Degreased for applications with oxygen T... Set-point adjustment rising at the required value (ex. T2 pressure set rising at 2 bar) T...D Set-point adjustment falling at the required value (ex. T2D pressure set falling at 2 bar) 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 TG Tested for applications with gas

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

CARATTERISTICHE GENERALI / GENERAL SPECIFICATIONS

TIPO MODEL	CAMPO DI LAVORO PRESSIONI RELATIVE ADJUSTMENT RELATIVE PRESSURE RANGE bar	DIMENSIONI "A" DIMENSIONS "A" mm	MAX. PRESSIONE STATICA SUPPORTABILE bar MAX. STATIC PRESSURE bar		TOLLERANZA D'INTERVENTO A 25 °C TOLERANCE AT 25 °C bar	ESECUZIONE EXECUTION	PESO WEIGHT g
			ESEC. CORPO OTTONE BRASS EXECUTION	ESEC. CORPO ACCIAIO INOX AISI 316 AISI 316 STAINLESS STEEL EXECUTION			
PSM 2	0,2 - 2	73	300	300	± 0,2	Membrana Diaphragm	100
PSM 10	1 - 10	73	300	300	± 0,4		100
PSM 50	10 - 50	73	300	300	± 2		100
PSM 100	10 - 100	73	300	300	± 3		100
PSP 150	30 - 150	73		600	± 5	Pistone Piston	100
PSP 300	50 - 300	73		600	± 15		100

PRESSOSTATI / PRESSURE SWITCHES

MATRICE PRODOTTI / SELECTION MATRIX

	PFM	PMN	PMM	MS	PS	PSM PSP	PMC	PPC	PPCF	PML	PPL	PSK	PT2A30	MPS
Pagina / Page	3	4	5	6	6	7...11	12	13	14	16	16	17	18	19
Pressostato / Pressure switch	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vuotostato / Vacuum switch														
Contatto NA / NO Contact	●	●	●										●	
Contatto NC / NC Contact	●	●	●											
Contatto SPDT / SPDT Contact				●	●	●	●	●	●	●	●	●		●
Esecuzione a membrana / Membrane execution	●	●	●	●	●	●	●			●		●	●	●
Esecuzione a pistone / Piston execution		●	●		●			●	●		●	●		
Regolabile / Adjustable	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Isteresi fissa / Fixed hysteresis	●	●	●	●	●		●	●	●	●	●	●	●	●
Isteresi regolabile / Adjustable hysteresis						●								
Dati elettrici / Electrical data														
Massimo 48V / Max. 48V	●	●	●											
Massimo 250V / Max. 250V				●	●	●	●	●	●	●	●	●	●	●
10 mA		●	●	●	●	●								
0,4 Ampere														
1 Ampere														
0,3 Ampere	●													
0,5 Ampere		●	●										●	
3 Ampere							●	●	●	●	●	●		
6 Ampere				●	●	●								
7 Ampere														●
Contatti argentati / Silver plated contacts	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Contatti dorati / Gold plated contacts		●	●	●	●	●	●	●	●	●	●	●		
Pressione di lavoro / Working pressure														
0,1 / 1 bar		●	●											
0,15 / 2 bar		●	●				●						●	
0,2 / 2 bar	●			●		●								
0,2 / 5 bar							●							
0,5 / 3 bar							●							●
0,5 / 10 bar							●			●				
1 / 10 bar				●		●						●		
2 / 10 bar	●	●	●											●
2 / 12 bar														●
10 / 20 bar		●	●											●
10 / 22 bar														●
10 / 25 bar							●							
10 / 50 bar				●		●								
10 / 100 bar				●		●				●		●		
20 / 50 bar		●	●											
20 / 52 bar														●
25 / 80 bar							●							●
30 / 150 bar					●			●	●		●			●
50 / 80 bar		●	●											●
50 / 150 bar		●	●											
50 / 300 bar		●	●		●									
100 / 250 bar		●	●											
150 / 300 bar								●	●					
150 / 350 bar											●			
100 / 360 bar												●		
Pressione statica max. / Max. Static Pressure														
20 bar														
30 bar	●													●
60 bar							●							
80 bar		●	●	●	●	●								
100 bar							●							
150 bar		●	●	●	●	●	●							
250 bar														
300 bar		●	●	●	●	●				●		●		●
400 bar		●	●	●	●	●								
600 bar		●	●	●	●	●		●	●	●	●	●		
Materiale corpo / Body material														
Alluminio anodizzato / Anodized aluminium							●	●	●	●	●	●		
Ottone / Brass	●	●	●	●	●	●							●	●
Acciaio zincato / Zinc plated steel		●	●				●	●	●	●	●			
Inox AISI 316 / Stainless steel 316		●	●	●	●	●								●
Connessione elettrica / Electric connection														
Fast-on / Push-on terminals	●	●		●	●									●
Morsetto a vite / Screw terminals			●										●	
Connettore DIN 43650 / DIN connector 43650						●	●	●	●	●	●	●		●
Protezione elettrica / Electric protection														
IP 00	●													●
IP 54		●		●	●									●
IP 65			●	●	●	●	●	●	●	●	●	●	●	●
IP 67		●		●	●									●
Omologazioni / Certification														
ATEX / ATEX						●	●	●	●	●	●	●		
R.I.N.A. / R.I.N.A.						●	●	●	●	●	●	●		
LLOYD'S / LLOYD'S						●	●	●	●	●	●	●		
IMQ / IMQ						●								











VUOTOSTATI / VACUUM SWITCHES

MATRICE PRODOTTI / SELECTION MATRIX

	VCN	VCM	VS	VSM	VMC	VC1A30
Pagina / Page	20	21	22	23	24	25
Pressostato / Pressure switch						
Vuotostato / Vacuum switch	●	●	●	●	●	●
Contatto NA / NO Contact	●	●				●
Contatto NC / NC Contact	●	●				
Contatto SPDT / SPDT Contact			●	●	●	
Esecuzione a membrana / Membrane execution	●	●	●	●	●	●
Esecuzione a pistone / Pistone execution						
Regolabile / Adjustable	●	●	●	●	●	●
Isteresi fissa / Fixed hysteresis	●	●	●		●	●
Isteresi regolabile / Adjustable hysteresis				●		
Dati elettrici / Electrical data						
Massimo 48V / Max. 48V	●	●				
Massimo 250V / Max. 250V			●	●	●	●
10 mA	●	●	●	●		
0,4 Ampere						
1 Ampere						
0,3 Ampere						
0,5 Ampere	●	●				●
3 Ampere					●	
6 Ampere			●	●		
Contatti argentati / Silver plated contacts	●	●	●	●	●	●
Contatti dorati / Gold plated contacts	●	●	●	●		
Campo di lavoro / Working range						
-150 / -700 mbar						●
-200 / -900 mbar	●	●				
-200 / -500 mbar			●	●	●	
-500 / -900 mbar			●	●	●	
Pressione statica max. / Max. Static Pressure						
20 bar	●	●	●	●	●	●
Materiale corpo / Body material						
Alluminio anodizzato / Anodized aluminium					●	
Ottone / Brass						●
Acciaio zincato / Zinc plated steel	●	●	●	●	●	
Inox AISI 303 / Stainless steel 303	●	●	●	●		
Inox AISI 316 / Stainless steel 316	●	●	●	●		
Connessione elettrica / Electric connection						
Fast-on / Push-on terminals	●		●			
Morsetto a vite / Screw terminals		●				●
Connettore DIN 43650 / DIN connector 43650				●	●	
Protezione elettrica / Electric protection						
IP 00						
IP 54	●		●			
IP 65		●	●	●	●	●
IP 67	●		●			
Omologazioni / Certification						
ATEX / ATEX				●		
R.I.N.A. / R.I.N.A.				●		
LLOYD'S / LLOYD'S				●		
IMQ / IMQ				●		

PRESSOSTATI / PRESSURE SWITCHES

PROTEZIONI ELETTRICHE / ELECTRIC PROTECTIONS










Pagina / Page		PFM	PMN	PMM	MS	PS	PSM PSP	PMC	PPC	PPCF	PML	PPL	PSK	PT2A30	MPS
Protezione IP 54 / IP 54 electric protection	CAP 1 		●	●											
	CAP 10 		●	●											
	CAP 16 				●	●									●
Protezione IP 65 / IP 65 electric protection	CAP 2 													●	
	CAP 3 			●											
	CAP 13 				●	●									
	Connettore Din 40050 / Din 40050 Connector 						●	●	●	●	●	●	●		●
Protezione IP 67 / IP 67 electric protection	Cap 14 + Cavi + Connettore Cap 14 + Flying Leads + Connector 		●		●	●									
	Connettore M12 / M12 Connector 				●	●									●
	Deutsch 														●

DATI TECNICI / TECHNICAL DATA

		PFM	PMN	PMM	MS	PS	PSM PSP	PMC	PPC	PPCF	PML	PPL	PSK	PT2A30	MPS
Tensione di alimentazione / Power supply	12 Vca/cc	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	24 Vca/cc	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	48 Vca/cc	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	110 Vca/cc				●	●	●	●	●	●	●	●	●	●	●
	220 Vca/cc				●	●	●	●	●	●	●	●	●	●	●
	250 Vca/cc				●	●	●	●	●	●	●	●	●	●	●
Corrente massima / Max. current	≤ 30 mA	●	●	●	●	●	●	●	●	●	●	●	●		
	0,3 A	●													
	0,4 A														
	0,5 A		●	●										●	
	1 A														
	3 A							●	●	●	●	●	●		
	6 A				●	●	●								
	7 A														●
Contatti argentati / Silver plated contacts		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Contatti dorati / Gold plated contacts		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Isteresi fissa / Fixed Hysteresis		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Isteresi regolabile / Adjustable Hysteresis							●								
Corpo CH. 24 / Body 24 AF		●	●	●	●	●					●	●		●	●
Corpo CH. 27 / Body 27 AF							●								

VUOTOSTATI / VACUUM SWITCHES

PROTEZIONI ELETTRICHE / ELECTRIC PROTECTIONS

Pagina / Page		VCN	VCM	VS	VSM	VMC	VC1A30
Protezione IP 54 / IP 54 electric protection	CAP 1 	●					
	CAP 10 	●					
	CAP 16 			●			
Protezione IP 65 / IP 65 electric protection	CAP 2 						●
	CAP 3 		●				
	CAP 13 			●			
	Connettore Din 40050 / Din 40050 Connector 					●	●
Protezione IP 67 / IP 67 electric protection	Cap 14 + Cavi + Connettore Cap 14 + Flying Leads + Connector 			●			
	Connettore M12 / M12 Connector 			●			

DATI TECNICI / TECHNICAL DATA

		VCN	VCM	VS	VSM	VMC	VC1A30
Tensione di alimentazione / Power supply	12 Vca/cc	●	●	●	●	●	●
	24 Vca/cc	●	●	●	●	●	●
	48 Vca/cc	●	●	●	●	●	●
	110 Vca/cc			●	●	●	●
	220 Vca/cc			●	●	●	●
	250 Vca/cc			●	●	●	●
Corrente massima / Max. current	≤ 30 mA	●	●	●	●	●	
	0,3 A						
	0,4 A						
	0,5 A	●	●				●
	1 A						
	3 A					●	
	6 A						
Contatti argentati / Silver plated contacts		●	●	●	●	●	●
Contatti dorati / Gold plated contacts		●	●	●	●	●	●
Isteresi fissa / Fixed Hysteresis		●	●	●	●	●	●
Isteresi regolabile / Adjustable Hysteresis							
Corpo CH. 24 / Body 24 AF		●	●	●	●	●	●
Corpo CH.27 / Body 27 AF							