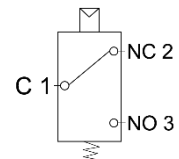


SPDT contacts



Adjustment instructions



Technical features	
Switching pressure range:	From 1 Bar to 400 Bar
Maximum pressure:	From 25 Bar to 600 Bar
Working temperature:	-25°C ÷ +85°C
Hydraulic connection:	¼" BSP-M
Body material:	Zinc plated steel with key 24mm (AISI 316L or BRASS on request)
Metal ring material:	Anodized aluminum
Weight:	0,30 Kg
Fixed hysteresis value:	- Membrane execution ~ 12% of end of scale at 20°C - Piston execution ~ 18% of end of scale at 20°C
Switching accuracy:	± 3% of end of scale at 20°C
Mechanical life:	10 ⁶ cycles at 70 bar (1000 PSI) at 20°C
Tightening torque max:	50 Nm
Electric features	
Maximum load:	0.5 A at 250 Volt AC, 0.15 A at 110 Volt DC
Type of electric contact:	Exchange contacts (Common, NO and NC) – SPDT
Electric connection acc. to DIN 43650:	M2 (16x16mm) / M3 (30x30mm) – IP65
Electric connection acc. to IEC 60947-5-2:	M12 – IP67
Electric protection acc. to EN 60529:	M2, M3 – IP65 / M12 – IP67
ATEX certification:	ATEX II 3G Ex nc IIB T6 Gc IP65;
Other	
Also available:	- Special value of hysteresis - CU-TR for Russian market - UL-CSA for electric part only - Separator (<10 bar) for corrosive and/or high percentage of solid particles
Warranty:	see dedicated page

F7.	Switching Pressure range	Execution	P Max	Body Material	Hydraulic Connection	Type of Seal	Electric contacts	Setting pressure	Condition	Type of Electric Connection
	Bar							Bar		
F70	1>5	Membrane	25	X AISI316/316L	0 ¼" BSP-M	V VITON	G Gold plated Contacts	If requested, Indicate the value setting pressure, also indicate the condition "D" or "U"	D Means falling pressure setting, also please indicate the value	M2 connector 16x16
F71M	3>12	Membrane	25		1 ¼" BSP-M					
F71MA	3>12	Membrane	150	L BRASS	2 ½"BSPT-M	T PTFE	If omitted means silver plated contacts		U Means rising pressure setting, also please indicate the value	M3 connector 30x30
F71P	3>12	Piston	300	B NICKEL PLATED BRASS	3 M10x1-M	E EPDM				
F73	5>50	Piston	300	If omitted means zinc plated steel	4 ½"NPT-M	H HNBR	SPDT contacts			
F75	10>160	Piston	350		5 ¼"NPT-M	If omitted means NBR				
F77	20>250	Piston	400		6 ¼"BSPT-M					
F79	50>400	Piston	600							