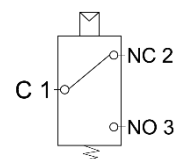


SPDT contacts



Locking screw

Adjustment instructions



Technical features	
Switching pressure range:	From 0.2 Bar to 15 Bar
Maximum pressure:	From 12 Bar to 20 Bar
Working temperature:	-25°C ÷ +85°C
Hydraulic connection:	1/4" BSP-F
Body material:	40x40mm square in anodized aluminum (AISI 316L on request)
Through holes for mounting on panel:	2 x Ø5,25mm wheelbase 31mm
Weight:	0,35 Kg
Fixed hysteresis value:	- Membrane execution ~ 10% of end of scale at 20°C
Switching accuracy:	± 2% 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:	5 A at 250 Volt AC, 0.25 A at 125 Volt DC
Type of electric contact:	Exchange contacts (Common, NO and NC) – SPDT
Electric connection acc. to DIN 43650:	M3 (30x30mm) / M4 (30x30mm) – IP65
Electric connection acc. to IEC 60947-5-2:	M12 – IP67
Electric protection acc. to EN 60529:	M3, M4 – 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
Warranty:	see dedicated page

K51.											
Type	Switching Pressure range	Execution	P Max	Wetted Parts Material	Hydraulic Connection	Type of Seal	Electric contacts	Setting pressure	Condition	Type of execution	Type of Electric Connection
	Bar							Bar			
K51.1	0.2>2	Membrane	12	X AISI316L (If omitted means anodized aluminum)	1/4" BSP-F	V VITON E EPDM If omitted means NBR	G Gold plated contacts (If omitted means silver plated contacts) SPDT 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 U Means rising pressure setting, also please indicate the value	P Execution with adjustable graduate knob If omitted means standard execution	M12 connector 12x1 M4 connector with light signal of insertion If omitted means M3
K51.2	0.5>5	Membrane	12								
K51.3	1>10	Membrane	15								
K51.4	3>15	Membrane	20								