



KL5 SERIES ELECTRONIC PRESSURE SWITCH

Up to 400 BAR Rated

KL5 electronic pressure switches permit the actuation of an electronic micro-switch upon reaching a predetermined pressure setting and to the adjustable hysteresis value of re-listing adjustable full-scale.

The maximum operating point is found acting on the right button "+MAX" put on top of the instrument; to decrease the value acting on the button "-MAX". The minimum pressure operating point (hysteresis) is found by acting on the keys to the left of the instrument (MIN).

The red LED, located above the keyboard settings, will be illuminated once that the key is correctly pushed. The LED housing in the connector, initially green, signal the operating of the relay becoming red. The instrument, completely solid state, is completely devoid of parts or electro-mechanical dynamics.

Technical features

Body:	in anodised aluminium
Fluid connection port:	in AISI 316L stainless steel
Assembly:	in every position
Working temperature:	from - 20°C to + 80°C
Switching frequency:	200 cycles/min
Switching accuracy:	± 1% of the end of scale to 20°C
Hysteresis value:	adjustable gap between the 2% and the 95% of the settled value
Weight:	0,3 Kg
Mechanical life:	10x10 ⁶ cycles at 20°C

Electric Features:

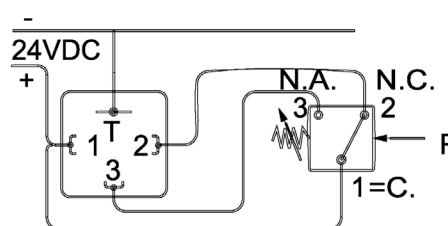
- Standard power supply: 24 VDC +/-10% (on request 12 VDC)
- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP65
- Maximum contact load: 0.5 amp at 24 Volt DC
- Medium consumption : 20 mA
- Involatile memory: EEPROM

On request:

- execution for working pressure until 700 bar
- execution with regulation range -1>0 bar- execution with M12 electric contact for connector in accordance with IEC60947-5-2

Article no.
KL50
KL52
KL55
KL59

Electrical connection



How to order

KL5 / * / * / * / ****						
TYPE	Switching pressure range	P max	HYDRAULIC CONNECTION	P max PRESET VALUE	P min PRESET VALUE	TYPE OF EXECUTION
	Bar	Bar	Unica	Bar	Bar	
KL50	0 > 5	15	1/4" BSP female	Indicate the value if you want the pressure switch already preset in factory	Indicate the value if you want the pressure switch already preset in factory	12V Special execution M12 with M12x1 electric connection if omitted means standard execution
KL52	0 > 20	50	or connection to a Cetop panel without any adaptors			
KL55	10 > 200	500				
KL59	0 > 400	600				