



CE Ex II 3 G/D EEx eT6

“KLV5” electronic pressure switches permit the regulation of n.2 operating point with adjustable hysteresis. Simple and intuitive in the programming, the KLV5 is equipped by rotating display and hydraulic connection that permit to set easily the connector M12x1 in the most suitable position. It permit also a perfectly visibility of the display in every application. It is possible to activate a password protection to provide protection from unauthorised program modifications.

**Technical features:**

- Body:** in stainless steel
- Fluid connection port:** in stainless steel with ceramic sensor and incorporate NBR seal
- Assembly:** in every position
- Maximum dimension (L =width max, H =height max):** L 60 mm x H 93 mm
- Display:** n° 4 digits of 7.6 mm
- Working temperature:** from - 20°C to + 80°C
- Switching frequency:** 200 cycles/min
- Switching accuracy:** 0.5% of the final value
- Range of the adjustment:** from 1% to 100% of the end of scale value
- Hysteresis value:** adjustable gap between 1% and 100% of the settled value
- Weight:** 0,35 Kg
- Mechanical life:** 10x10<sup>6</sup> cycles at 20°C
- Electric Features:**
  - Power supply: 12 > 30 VDC
  - Electric connection M12x1 (4pin)
  - Electric protection according to CEI EN 60529:IP65
  - Maximum contact load: 0.5 Ampère at 24 Volts DC
  - Medium consumption: <50 mA, without load current
  - Interference emission and interference immunity according to EN 61.326
  - protected against overvoltage and pole reversal
- Warranty:** see dedicated page
- Spare parts:** see dedicated page
- Operative instruction :** see dedicated page
- Note :** M12 connector not include

**HOW TO ORDER**

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<b>KLV5.</b>							
Type	Switching pressure range	P max	Hydraulic Connection	Max P1 Preset value	Min.P1 preset value	Max P2 Preset value	Min.P2 preset value
	Bar	Bar	Only	Bar	Bar	Bar	Bar
<b>KLV52</b>	0 > 20	40	1/4" BSP male with seal according to DIN 3852-E	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 a	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
<b>KLV54</b>	0 > 160	320					
<b>KLV59</b>	0 > 400	800					