

IPS-EKLV5 electronic pressure switches permit the regulation of two operating points with adjustable hysteresis. Simple and intuitive in the programming, the new series is equipped by frontal display for setting and control of the working pressure. The instrument can be ordered preset by factory or easily set up according to the instructions.

Technical features:

Body: in anodized aluminium, with fluid contact parts in inox steel AISI316, ceramic sensor and NBR seal
 Hydraulic connection 1/4" BSPF

Assembly: in every position. Panel assembly with 2 through holes Ø5 mm - 31 mm centre-to-centre

Weight: 0.43 Kg

Display: n° 3 digits of 7.6 mm

Working temperature: from -20°C to +80°C

Switching frequency: 200 cycles/min

Switching accuracy: 1% of the end of scale to 20°C

Range of the adjustment: from 1% to 100% of the end of scale value

Hysteresis value: adjustable gap between all range of scale

Mechanical life: 10x10⁶ cycles at 20°C

Electric Features:

- Power supply: 10 > 30 VDC
- Electric connection M12x1 or DIN30x30 (4pin)
- Electric protection according to CEI EN 60529:IP65
- Maximum contact load: 0,5 Amp
- Medium consumption: <50 mA
- Interference emission and interference immunity according to EN 61.326

Warranty: see dedicated page

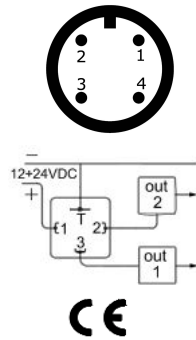
Spare parts: see dedicated page

Note : M12 female connector not included

Optional: Version with display in PSI

ELECTRIC CONNECTION		
Execution	M3	M12
Power supply	12-24 VDC	12-24 VDC
Power supply +	Pin 1	Pin 1
GND	Pin T	Pin 3
NC	Pin 2	Pin 2
NA	Pin 3	Pin 4

Execution			
	B	C	D
Pin2	→ •	→ •	→ •
Pin1	→ •	→ •	→ •



HOW TO ORDER

IPS-EKLV5.			-	-	L..
Type	Switching pressure range	P Max	Execution	Output signal	Electric Connection
	Bar	Bar			
IPS-EKLV50.1	0 > 2	7.5	B Separated contacts: Open + Closed NO+NC C Closed contacts: Closed + Closed NC+NC D Open contacts: Open +Open NO+NO	2 means 4-20 mA If omitted indicates standard execution	M12 Connection M12x1 (Female connector excluded) If omitted indicates standard execution
IPS-EKLV50	0 > 5	12			
IPS-EKLV51	0 > 10	25			
IPS-EKLV52	0 > 20	50			
IPS-EKLV53	0 > 50	120			
IPS-EKLV54	0 > 100	250			
IPS-EKLV55	0 > 200	500			
IPS-EKLV59	0 > 400	600			
IPS-EKLV59.6	0 > 600	800			