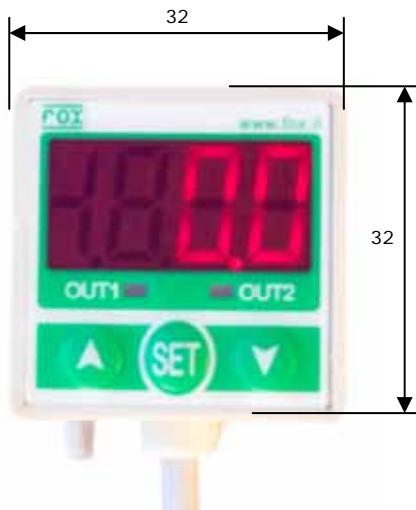




ELECTRONIC PRESSURE SWITCH FL4 SERIES



FL4



Panel fastener and scratch protection

The electronic pressure switch "FL4" series, designed for pneumatic use, allow the commutations of two electronic micro-switches once two different preset pressure values are reached.

They are provided with a 1>5 Volts analog output.

Supplied with protective mask and panel fastener, this pressure switch thanks to small dimensions and to three and a half digit display is a product right for many applications with air, not corrosive and not combustible gas.

Technical Features:

Fluid connection parts: carbon steel

Installation position: in every position with rear or radial 1/8" BSPF thread pitch

Max external dimensions : L 32mm x H 36mm x P 36mm

Working temperature: da 0°C a + 50°C

Reply time: <2.5 ms

Switching accuracy: < ± 2% F.S ± 1 digit (a 20°C)

Hysteresis value: - manual adjustable gap between 1% and 10% of the settled pressure value and automatic setting gap about 3% of scale limit.

Analog signal (on request) : 1-5 V < ± 2.5%

Linearity of analog signal: ± 1% scale limit

Weight: 0,135 Kg

Mechanical life: 5x10⁶ cycles at 20°C

Electric features:

- Standard power supply: 12-24 V DC ± 10%
- Electric protection: in accordance with DIN 40050: IP 40
- Maximum load on contacts: 80 mA
- Medium consumption: 55 mA
- Display: 3 digit + 1/2 with 7 signals
- Signal exit: PNP
- Protection against short-circuit

Measure units: kPa, MPa, Bar, Psi.

Electric connection: anti-oil lead with 5 conductors

Electric connection:

- Brown: DC +
- Blue: DC -
- Black: OUT 1
- White: OUT 2

Also available: analogical exit

Warranty: see dedicated page

Spare parts: see dedicated page

HOW TO ORDER

FL...		/	/	/	/	/	/
Type	Switching pressure range	P max	Hydraulic connection	Preset P1 max	Preset P1 min	Preset P2 max	Preset P2 min
	Bar	Bar		Bar	Bar	Bar	Bar
FLW4	-1 > 1	5	1/8" BSP female	Indicate the value if needed			
FLV41	0 > 10	15					