



Electronic Pressure Switch AF27 – Type EPS:

- Two transistor switching outputs PNP
- 4-digit LED display, 4,5mm
- Adjustment range: 0,25...400bar
- Menu navigation according to VDMA
- Key programming
- Switching point or window function adjustable
- NO or NC function adjustable
- Switching delay function adjustable
- Multi-colour switch display
- Robust stainless-steel measurement cell
- Electrical connection M12x1

Order code

EPS - A - BBB - C - D - E

A	Output
	2 = 2 switching outputs PNP

C	Measuring principle
	A = thin film cell

BBB	Pressure adjustment range	
	V16 = -1,0...16bar	pmax = 80bar
	100 = 0...100bar	pmax = 200bar
	250 = 0...250bar	pmax = 500bar
	400 = 0...400bar	pmax = 800bar

D	Fluid connection
	3 = G1/4" DIN3852

E	Electrical connection
	2 = plug M12x1

Options

104206	Adaptor G1/4" female fix - G1/4" male turnable
104315	2,0m shielded cable with socket M12x1, 4pin

Order sample: EPS-2-250-A-3-2

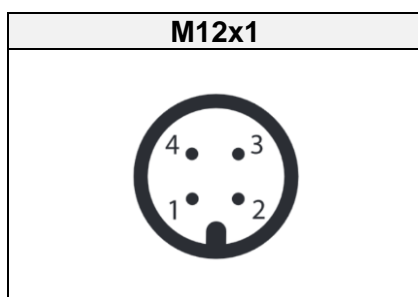
Electronic Pressure Switch EPS
Output: 2 switching outputs PNP
Pressure adjustment range: 0...250bar
Measuring principle: thin film cell
Fluid connection: male G1/4" DIN3852
E-connection: plug M12x1

Technical data

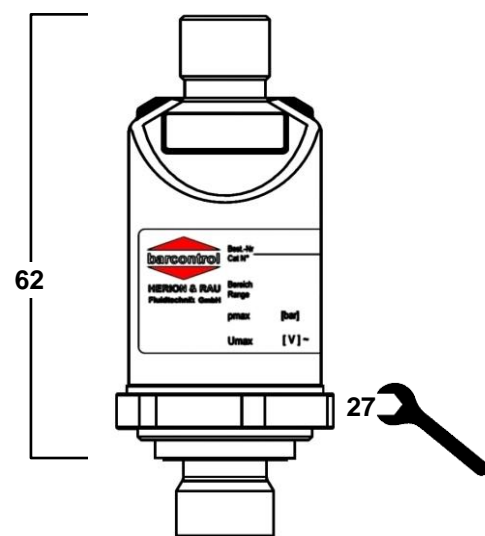
Construction:	electronic pressure switch SW27		
Unit:	bar, psi, MPa		
Service life:	100Mio. switching cycles, 10Mio cycles (0...100%)		
Accuracy:	≤ 1% at room temperature incl. non-linearity, hysteresis, zero offset and end value deviation		
Output signal:	2 transistor switching outputs PNP, adjustable		
Reaction time:	< 10ms		
Power supply:	9,6...32VDC		
Current consumption:	max. 0,535A total		
Switching current:	max. 250mA per output		
Ranges in bar:	Min. Hysteresis:	Increment:	
-1...16bar	0,25	0,05	
0...100bar	1,0	0,2	
0...250bar	2,5	0,5	
0...400bar	4	1	
Display:	4-digit, 7-segment LED		
Hight of display:	4,5mm		
Switch display	multi colour (red/green background)		
Temperature range:	-25...+85°C compensated		
Wtted parts:	stainless steel, FPM		
CE-Sign:	acc. to EU-standards 2014/30/EC		
Protection class:	IP67 acc. to DIN EN 40050		
Shock:	50g acc. to DIN EN 60068-2-6 (11 ms)		
Vibration:	10g acc. to DIN EN 60068-2-29 (500 Hz)		
Weight:	0,07kg		

*Please contact the technical support for alternatives or special requirement.
Subject to technical alternations!*

Electrical connection data - dimensions



Pin 1	Positive power supply UB+
Pin 2	Switching output 2
Pin 3	Negative power supply 0V
Pin 4	Switching output 1



Torque value: 20Nm