



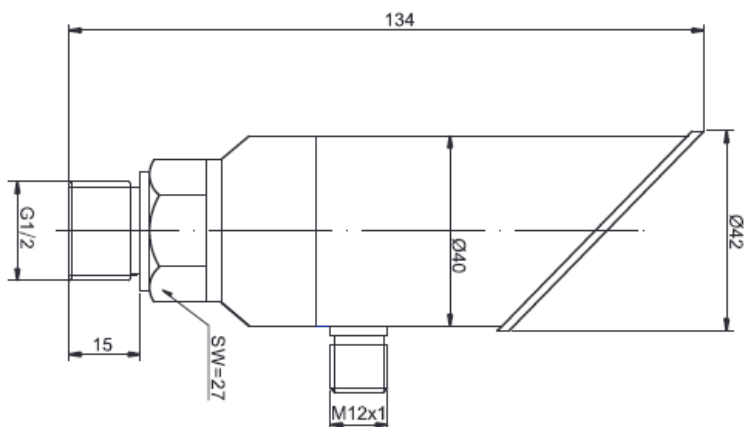
Model 101 Pressure Switch

- Intelligent Pressure switch combines the functions of pressure measurement, display and control into one device
- Excellent response time and electromagnetic compatibility
- Advanced microcontroller (MCU) and digital signal processing (DSP) combined with a piezoresistive pressure sensor
- Multiple output options available to meet your existing application

FEATURES

- Piezoresistive pressure sensor
- Multiple process connection options
- Multiple outputs available
- 5 Digit Alphanumeric Display
- Pressure Range: -1 bar to 1000 bar

REFERENCE DIMENSIONS





Model 101 Pressure Switch

Ordering Guide – Model 101-B-(0-200Bar)-2-D-ECT-O1

B	(X1-X2)	2	D	ECT	
PRESSURE PORT	RANGE	CODE	ACC	ELECTRICAL CONNECTION	OUTPUT
A = G1/4 B = G1/2 C = ¼ MNPT D = M20x1.5 X = OTHER	Bar PSI	1=Absolute 2=Gauge 4=Sealed D=Differential	B=.1% C=.25% D=.5%	ECT = M12 EC3 = MINI-DIN 43650C EC4 = MS3112E-10-6P	O1 = 2xPNP + 0-5 VOLTAGE OUTPUT O2 = 2xPNP + 0-10 VOLTAGE OUTPUT O3 = 2xPNP + 0.5-4.5V VOLTAGE OUTPUT O4 = 2xPNP + 4-20 mA CURRENT OUTPUT Oz = customer request

TECHNICAL SPECIFICATIONS

Media Compatibility	Gas/Liquid Compatible with wetted materials
Pressure Range	-1 Bar to 1000 Bar
Wetted Material	316 Stainless Steel
Output Signal	4-20 mA (option)
Control Accuracy	0.25% FS; 0.5% FS
Display Accuracy	0.1% FS
Long-Term Stability	<0.2% FS/Year
Ambient Temperature Range	-30 to 80°C
Storage Temperature Range	-20 to 100°C
Process Connection	G1/2, others available
Electrical Connection	M12, others available
Power Consumption	<3 W
Load Capacity	<36V, 1.2 A
Supply Voltage	10 – 32 VDC
Service Life	>1,000,000 cycles
Protection	IP65