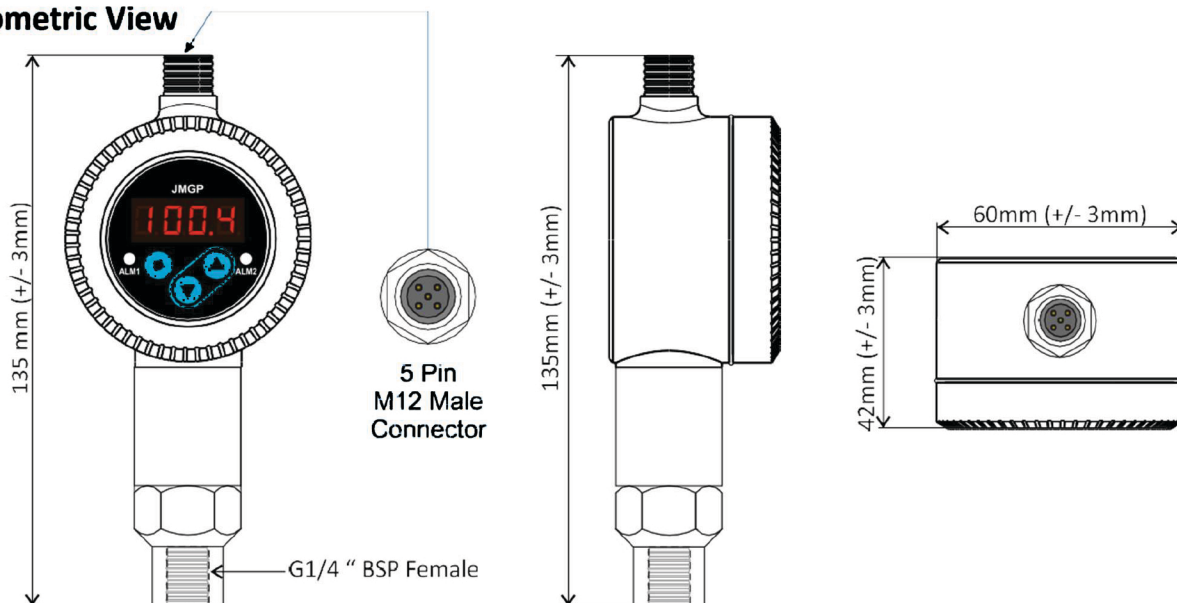


JMGP

PRESSURE SENSOR (GAUGE PRESSURE)

Isometric View



Technical specifications

Type Number	JMPG1	JMPG10	JMPG100	JMPG250	JMPG400
Pressure Range	-1 to +1 BAR	-1 to +10 BAR	2 to 100 BAR	3 to 250 BAR	4 to 400 BAR

Media	Liquid and Gases
Sensor Type	Piezo Resistive
Measuring Range	-999 to 9999 Programmable
Power Supply	18 to 24 (VDC)
Display type	0.3 inches 7 Segment LED Display
Output 1	PNP Alarm 1 output (max load 100 mA)
Output 2	PNP Alarm 2 output (max load 100 mA)
Output 3	4 to 20 mA (Max Load 600 Ohm)
Accuracy	+/- 0.25 % of Full Scale
Non Linearity	0.2 % of Span
Repeatability	< 0.1% of Span
Response Time	< 1 Sec
Over Pressure Safety	2 times maximum Pressure range
Burst Pressure	3 times maximum Pressure range
Process Temperature	-10 to +120 Deg. C.
Ambient Condition	Temperature -10 to +55 Deg. C. / Humidity 5 to 95% non-condensing
Insulation Resistance	>100 Mega Ohm at 100 VDC
Span / Zero Adjustment	Programmable
Protection Circuit	Reverse polarity Protection
Process Connection	G 1/4" Female
Electrical Connection	M12 male connector 5 pin: Pin1:+24 VDC; Pin2:Analogue Output; Pin3:0VDC Pin4:Switching Output1; Pin5: Switching Output2
Mounting	Direct Line Mount (Vertical)
Material of Construction	All wetted parts SS316 (Other options on request)
Enclosure	SS316 with IP65 ingress Protection / ABS Plastic
Protection	Field Mountable Weather Proof IP65
Certification	CE
Weight	0.6 Kg (Approximate)