

Specific&Performance

- All stainless steel construction, corrosive resistance
- Range from 0-0.1bar to 0-600bar
- Two kind of accuracy available: 0.5% and 0.25%
- Ingress protection up to IP67

Applications

- HVAC
- Air compressor
- Water treatment
- Environmental



Specifications

Measurement specification

Sensor type	Silicone piezoresistive
Pressure range	0-0.1bar...0-600bar
Accuracy	0.5%FS or 0.25%FS
Response time	10mS, typical 30mS, max
Pressure resistance	1.5 times of FS (over pressure) 2 times of FS (burst pressure)

Mounting specification

Mounting direction	Any
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Environmental specification

Ambient temperautre	-40...85°C
Media temperature	-40...80°C
Compensated temperature	-10...70°C
Storage temperature	-40...85 °C
Ingress protection	IP65 or IP67 EN60529
Ambient humidity	< 98 % RH ,non-condensation
Anti vibration	20g (EN 60068-2-6)
Anti shock	200g 11mS (EN 60068-2-27)

Electrical specification

Output signal	4-20mA, 0-10V
Supply voltage	12-30VDC
Load resistance	RL≤500Ω (current output) RL> 100 kΩ (voltage output)
Long term stability	Max 0.15%FS/year
Thermal drift	Max 0.02%FS/°C (zero) Max 0.02%FS/°C (span)

Material specifications

Housing	304SS
Socket and thread	304SS or 316SS
Sensor diaphragm	316LSS

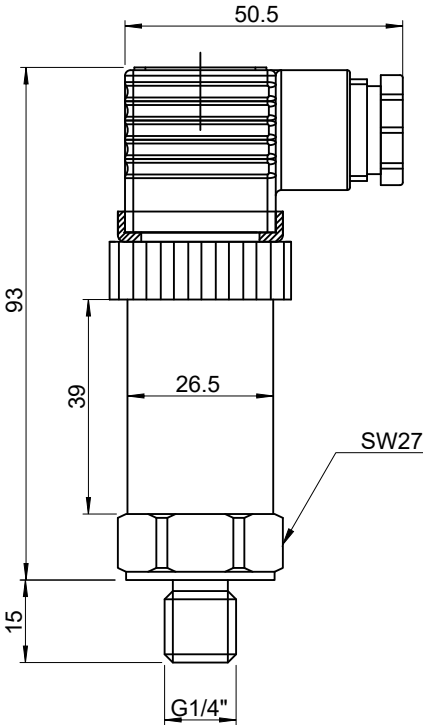
Electrical connection

Cable connection	M12*1, 4-pin DIN43650
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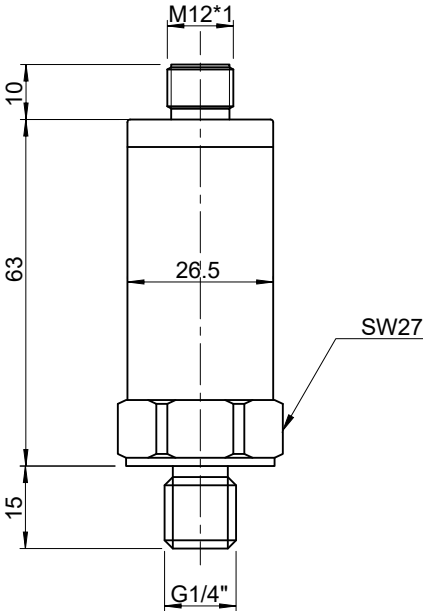
Electrical protection

Short circuit	Yes
Insulation voltage	500VDC
Reverse polarity	Yes
EMC protection	10V/m (IEC 61000-4-3) 3V (IEC61000-4-6)

Dimensions in mm

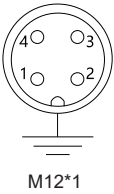


DIN 43650



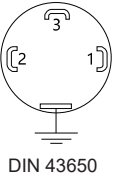
M12*1 (4 pins)

Electrical connection



M12*1

Terminal	2-wire	3-wire
1	U "+"	U "+"
2	U "-"	U "-"
3		S "+"
4		



DIN 43650

Terminal	2-wire	3-wire
1	U "+"	U "+"
2	U "-"	U "-"
3		S "+"

LE2 ordering codes

		Code	Specifications
1.		LE2	Series
			Pressure type
2.		G	Gauge
		A	Abs
			Pressure range
3.		XXXX	Please input range with unit
			Output signal
4.		1	4-20mA
		7	0-10V
			Accuracy
5.		5	0.5%FS
		2	0.25%FS
			Electrical connection
6.		D1	DIN 43650
		D2	M12*1 (4-pin)
		T3	With 1meter cable
			Explosion proof
7.		S	None
			Socket material
8.		4	304SS
		6	316SS
			Process connection
9.		1	G1/2" EN837
		2	G1/4" EN837
		3	1/2"NPT
		4	1/4"NPT
		5	G1/4" ED
		6	M20*1.5
		7	G3/8" EN837