

Housing: 316LSS
 Pressure port: 316L SS
 Input: 8-32 Vdc
 Output: 2-wire, 4-20mA (standard)
 Seals: FKM70 (<1436psi), FKM90 (>1436psi)
 Sensor: Ceramic Al₂O₃ 96%
 Accuracy: $\leq \pm 0.50\%$ FSO
 Pollution Degree: 4
 Measure Rate: 1kHz
 Thermal Error: $\leq \pm 0.2\%$ FSO
 Response Time: 2-wire: ≤ 10 ms
 3-wire: ≤ 3 ms

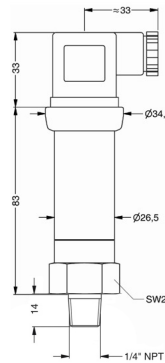
Short Circuit Protect: permanent
 Reverse Polarity Protection: no damage, no function
 Current Consumption: Current: 25 mA max
 Voltage: 7 mA max

Vibration: 10g, 25Hz to 2kHz
 Shock: 500g/1ms
 Electromagnetic Protection: as per EN61326
 Ambient Temp. Range: -13°F to 185°F (-25°C to 85°C)
 Process Media Temp. Range: -40°F to 257°F (-40°C to 125°C)

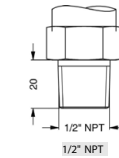
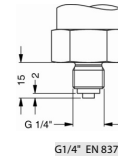
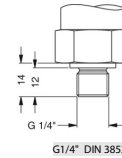
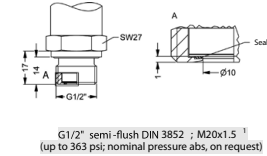
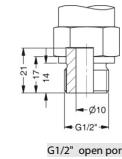
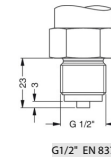
Pin					
Electrical Connection		ISO 4400	Binder 723 (5-pin)	M12x1 (4-pin)	Field Housing
2-wire system	Supply+	1	3	1	IN+
	Supply-	2	4	2	IN-
	Ground	Ground pin	5	4	$\equiv$
3-wire system	Supply+	1	3	1	IN+
	Supply-	2	4	2	IN-
	Signal+	3	1	3	OUT+
	Ground	Ground pin	5	4	$\equiv$
					Yellow/green (shield)

Mechanical Connection

Standard

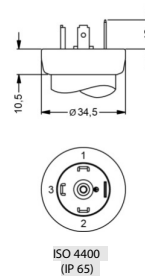


Optional

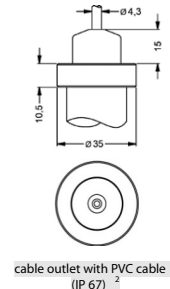
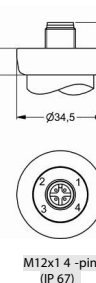
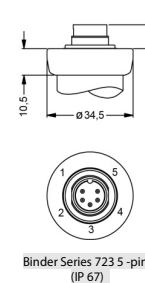


Electrical Connection

Standard

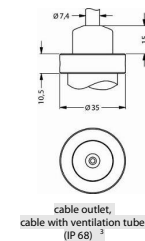
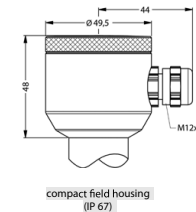


Optional



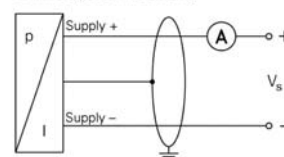
Note: Measurements are in mm

- 1 Possible for nominal pressure ranges ≤ 360 psi
- 2 Standard: 2m PVC cable without ventilation tube. Optional Cable with ventilation tube
- 3 Different cable types/lengths available

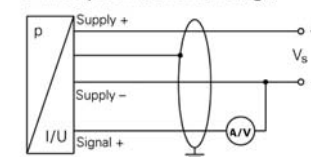


Wiring Diagram (standard & optional)

2-wire-system (current)



3-wire-system (current / voltage)



DRAWN BY: MATHAN SUBBIAH

ENG. APPROVAL: D.R.

ALL DIMENSIONS IN INCHES/MM

TOLERANCES (unless otherwise stated)	
Fractional:	$\frac{1}{64}$ " 0.4mm
Decimal:	0.06" 1.5mm

REVISION No AND DATE: #6, Dec 10, 2015

TITLE:

LIS SERIES PRESSURE TRANSMITTER

DRAWING NO: LIS-XXX-R-1-8-XX-XX-1-X-S