



### Description & Features:

- Flush diaphragm suited for viscous media and gases compatible with 316L stainless steel
- High precision; 0.25% FSO BFSL
- Various fill fluids available for different processes
- Optional cooling element for high temperature applications
- Long term stability and minimal thermal effect
- CSA File 211107-2050042260
- 1 year warranty

### Applications:

- Suitable for aggressive media applications requiring a highly stable and accurate transmitter

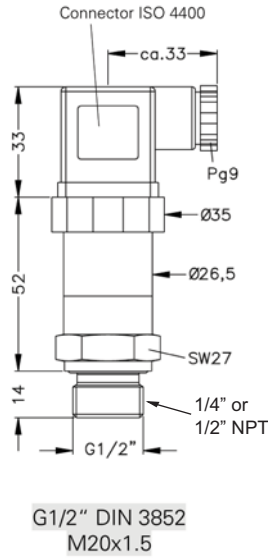
Specifications	
Electrical Output Signal	2-wire: 4...20 mA
Electrical Connection	DIN
Excitation Voltage	12...28 V <sub>DC</sub>
Housing	304 SS
Wetted Parts/Connection	Pressure port: 316 Ti SS Housing: 304 SS Diaphragm: Ceramic Al <sub>2</sub> O <sub>3</sub> 96%
Normal Operating Temperature Range	-13°F to 275°F (-25°C to 135°C)
Compensated Temperature Range	-13°F to 185°F (-25°C to 85°C)
Temp. Effect on Zero/Span	Less than ±0.2% FSO per 10 K
Accuracy	±0.25% FSO BFSL
Stability	Vibration: 10g RMS (20-2,000 Hz) Shock: 100g/11ms
Enclosure Rating	NEMA 4/IP65
Amp. Draw	0.02 amps @ full scale
Sensor	Ceramic

### Order Codes

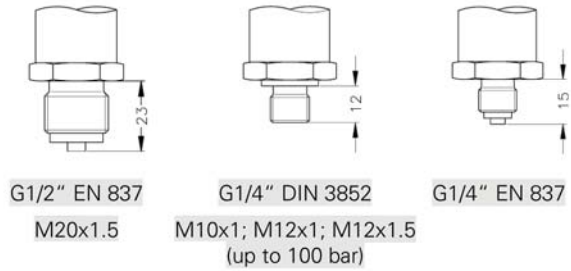
Range	Permissible Overpressure	Code
Vac	44 psi	LIM428
0-15 psi	44 psi	LIM429
0-20 psi	102 psi	LIM435
0-35 psi	102 psi	LIM445
0-60 psi	174 psi	LIM447
0-85 psi	174 psi	LIM448
0-145 psi	363 psi	LIM449
0-230 psi	725 psi	LIM450
0-360 psi	725 psi	LIM451
0-580 psi	1,740 psi	LIM452
0-870 psi	1,740 psi	LIM453
0-1,500 psi	3,626 psi	LIM454
0-2,300 psi	7,252 psi	LIM455
0-3,600 psi	7,252 psi	LIM456
0-5,800 psi	8,702 psi	LIM457
0-8,700 psi	10,878 psi	LIM458

## Mechanical Connection

### Standard

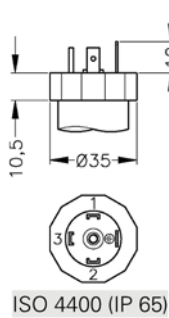


### Option

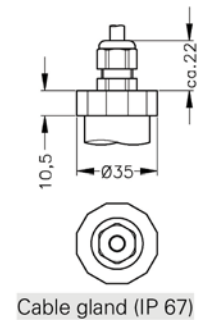
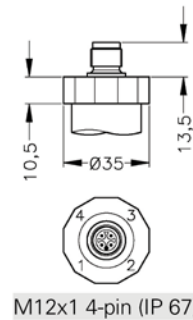
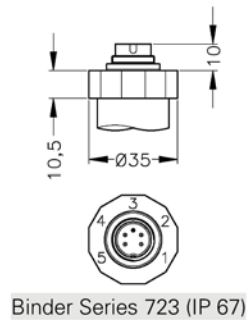


## Electrical Connection

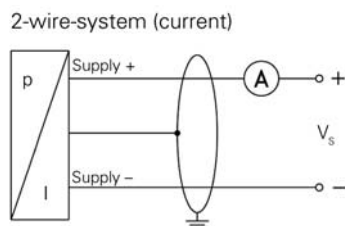
### Standard



### Option



## Wiring Diagram



Note: Measurements are in mm

### Series Number (for custom, non-standard product)

	L	I	M												
<b>SERIES</b>															
<b>RANGE</b>															
15				1	5										
20				2	0										
35				3	5										
60				6	0										
85				8	5										
145				1	T										
230				2	T										
360				3	T										
580				4	T										
870				5	T										
1500				1	F										
2300				6	T										
3600				7	T										
5800				8	T										
8700				9	T										
30"Hg				V	1										
Custom															
<b>PRESSURE</b>															
Gauge						R									
<b>OUTPUT</b>															
4...20 mA / 2-wire															
<b>ACCURACY</b>															
0.25%															
Custom															
<b>ELECTRICAL CONNECTION</b>															
Male and female plug ISO 4400															
Cable gland incl. cable *															
M12x1 (4-pin)															
DIN															
Custom															
<b>MECHANICAL CONNECTION</b>															
G1/4" DIN 3852															
1/4" NPT															
Custom															
<b>SEALS</b>															
For Pn < 1400 psi / FKM															
For Pn > 1400 psi / NBM															
Custom															
<b>SPECIAL</b>															
Standard															
Custom															

\* different cable types and lengths available; standard: 2m PVC cable without ventilation tube, optional cable with ventilation tube