



SERIES IS626 | INTRINSICALLY SAFE PRESSURE TRANSMITTER



BENEFITS/FEATURES

- Exceptional accuracy for ensuring tight-control and minimizing costly out of specification conditions
- NEMA 4x rated enclosure provides protection in harsh environments permitting outdoor monitoring or in areas where dust and particulate matter exists
- Robust sensor provides shock and vibration resistance insuring stability in controlling pressure for process applications

APPLICATIONS

- Monitoring pressure in hazardous environments
- Process

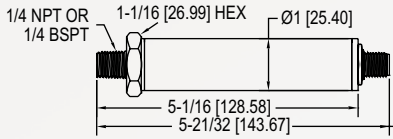
DESCRIPTION

The Dwyer **Series IS626 Intrinsic Safe Pressure Transmitters** can be used to accurately measure compatible gases and liquids compatible with its 316/316L SS wetted parts. Series IS626 full-scale accuracy is 0.25%. Designed for industrial environments with a NEMA 4X (IP66) housing, this transmitter resists most effects of shock and vibration. Models are available with a 3' cable or M-12 4 pin connection. The IS626 is UL listed for use in Hazardous (Classified) Locations. The protection method is by Intrinsic Safety, "ia". It was investigated by UL under UL Standard 913 Sixth Edition and CSA Standard No. 157-92.

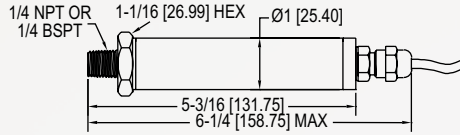
SPECIFICATIONS

Service	Compatible gases and liquids.
Wetted Materials	Type 316, 316L SS.
Accuracy	0.25% FS.
Temperature Limit	0 to 176°F (-18 to 80°C).
Compensated Temperature Range	0 to 176°F (-18 to 80°C).
Thermal Effect	±0.02% FS/°F (includes zero and span).
Pressure Limits	See Pressure Range Table.
Power Requirements	10-28 VDC.
Output Signal	4-20 mA.
Response Time	50 ms.
Loop Resistance	0-900 Ω max.
Current Consumption	38 mA (max).
Electrical Connections	3 ft cable or 4-pin M-12 connector.
Process Connection	1/4" male or female NPT and BSPT.
Enclosure Rating	NEMA 4X (IP66).
Mounting Orientation	Mount in any position.
Weight	8.9 oz (252 g).
Agency Approvals	CE, cULus Intrinsically Safe to UL Standard 913.

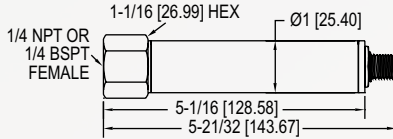
DIMENSIONS



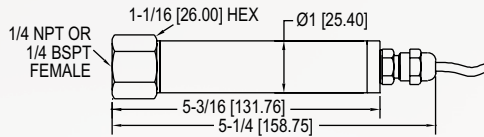
Male NPT/BSPT connector with male M-12 connector



Male NPT/BSPT connector with cable gland

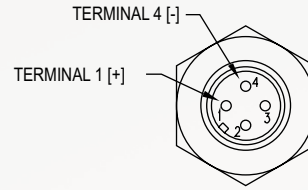
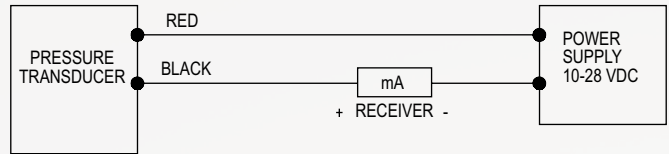


Female NPT/BSPT connector with male M-12 connector



Female NPT/BSPT connector with cable gland

WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

	IS626	-00	-GH	-P1	-E1	-S1	-AT	
SERIES							OPTIONS	
IS626: Intrinsically safe pressure transmitter							-AT: Aluminum tag	
							-NIST: NIST traceable calibration certificate	
RANGE							ELECTRICAL OUTPUT	
-00: 0 to 15 psia	-13: 0 to 300 psig					-S1: 4-20 mA, 2-wire		
-01: 0 to 30 psia	-25: 0 to 400 psig					CABLES AND CONNECTORS		
-06: 0 to 5 psig	-14: 0 to 500 psig					-E1: 3' cable		
-07: 0 to 15 psig	-22: 0 to 600 psig					-E2: 6' cable		
-27: 0 to 25 psig	-15: 0 to 1000 psig					-E3: 9' cable		
-08: 0 to 30 psig	-16: 0 to 1500 psig					-E6: Bendex connection		
-09: 0 to 50 psig	-17: 0 to 2000 psig					FITTINGS		
-10: 0 to 100 psig	-18: 0 to 3000 psig					-P1: 1/4" male NPT		
-11: 0 to 150 psig	-19: 0 to 5000 psig					-P2: 1/4" female NPT		
-12: 0 to 200 psig	-26: 0 to 8000 psig					-P3: BSPT male ISO 228 R 1/4"		
-24: 0 to 250 psig						-P4: BSPT female ISO 228 RC 1/4"		
						HOUSING		
						-GH: General purpose		

ORDER ONLINE TODAY!

dwyer-inst.com/Product/SeriesIS626



DWYER INSTRUMENTS, LLC