



Description & Features:

- Heavy-duty pressure transmitter with advanced digital electronics and high over-pressure protection
- Compact construction with 316 and 17-4 stainless steel
- Available ranges include Vacuum up to 10,000 psi
- Wide range of mechanical and electrical connections
- $\pm 0.25\%$ accuracy
- IP65 and IP67
- Built-in restrictor screw on ranges $>1,500$ psi
- UL listed or UL recognized for USA and Canada
- 5 year warranty

Applications:

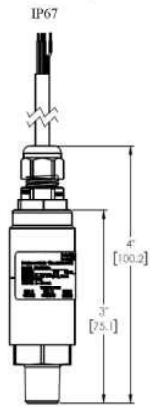
- Appropriate for pumps & compressors, hydraulic equipment, environmental monitoring, machine tool and presses, test equipment and much more

Specifications

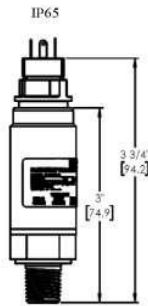
Output Signal	4...20 mA, 2-wire / $V_s = 8-33$ Vdc 0...10 Vdc, 3-wire / $V_s = 12-33$ Vdc 1...5 Vdc, 3-wire / $V_s = 7-33$ Vdc 0.5...4.5 Vdc, 3-wire, ratiometric output / $V_s = 4.5-5.5$ Vdc (UL listing not-included)
Response Time	4...20 mA = 3 ms, all others = 5 ms
Current Consumption	4...20 mA = 22 mA maximum, all others = 15 mA maximum
Accuracy	$\pm 0.25\%$ Full Scale Output
Long-Term Stability	$\pm 0.2\%$ FSO (typically per year)
Wetted Parts	316SS all welded or 17-4 PH SS with NBR O-ring
Shock	50 g's 11 ms, MIL-STD 202 Method 213 G
Vibration	15 g's 10 to 2,000 Hz, MIL-STD 202
Storage Temperature	-40 to 100 deg C (-40 to 212 deg F)
Media Temperature	-40 to 120 deg C (-40 to 248 deg F)
Reverse Polarity Protection	Yes
EMI-EMC Compliance	IEC 61000 4-2 to 4-6, IEC 61326-1 Class A
Enclosure Rating	NEMA 4X; IP65 or IP67
Approvals	UL listed or UL recognized for USA and Canada, CRN pending
Compliance	RoHS, REACH, CE
Operation Life	1 million cycles, minimum
Weight	120 g (4.23 oz)

ELECTRICAL CONNECTIONS								
ELECTRICAL SIGNAL	ELECTRICAL TERMINATION							
	Cable Outlet		Metripack 3-Pin Deutsch		M12 DIN 43650 A & C		4-Pin Deutsch	
	VOLTAGE	CURRENT	VOLTAGE	CURRENT	VOLTAGE	CURRENT	VOLTAGE	CURRENT
+EXCITATION	RED	RED	PIN 1	PIN 1	PIN 1	PIN 1	PIN 2	PIN 2
-EXCITATION (COMMON)	BLACK	BLACK	PIN 2	PIN 2	PIN 2	PIN 2	PIN 1	PIN 1
VOLTAGE OUTPUT	WHITE	-	PIN 3		PIN 3	-	PIN 4	
CASE GROUND/DRAIN/EARTH	DRAIN	DRAIN		PIN 3	PIN 4	PIN 4	PIN 3	PIN 3

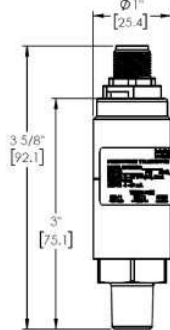
PVC Shielded & jacketed #24 AWG cable (1 meter)



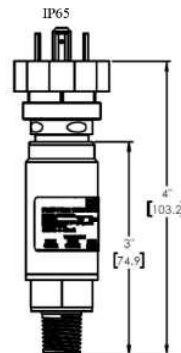
Subminiature DIN connector (DIN 43650/EN 175301 803, TYPE C)



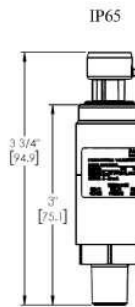
M12 (4 Pin) connector IP67



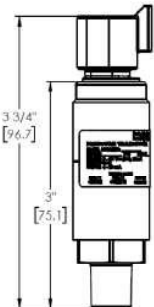
Standard DIN connector (DIN 43650/EN 175301 803, TYPE A)



Apiv/Delphi Metripack 150 Series Connector

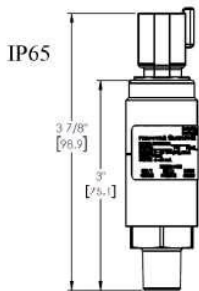


3 Pin Deutsch Connector - DT04-3P IP65

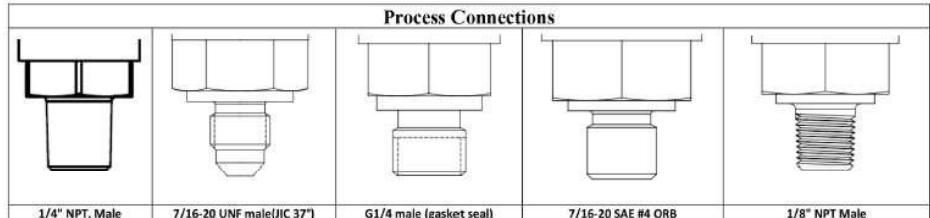


4 Pin Deutsch Connector - DT04-4P

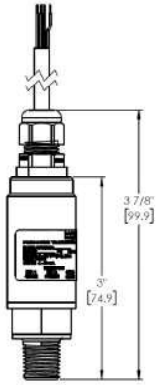
IP65



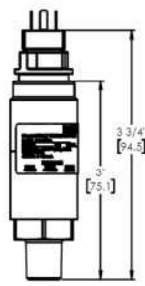
Process Connections



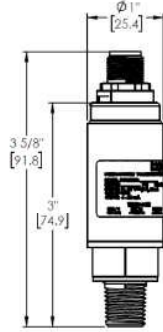
PVC Shielded & jacketed #24 AWG cable (1 meter)
IP67



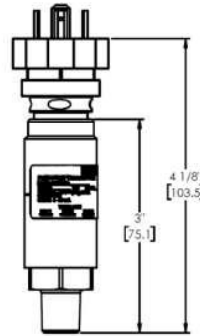
Subminiature DIN connector (DIN 43650/EN 175301 803, TYPE C)
IP65



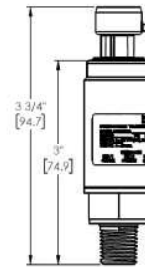
M12 (4 Pin) connector
IP67



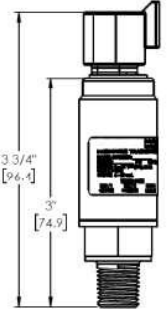
Standard DIN connector (DIN 43650/EN 175301 803, TYPE A)
IP65



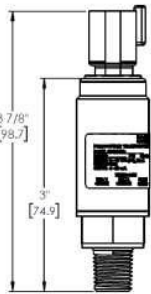
Aptiv/Delphi Metripack 150 Series Connector
IP65



3 Pin Deutsch Connector - DT04-3P
IP65



4 Pin Deutsch Connector - DT04-4P
IP65



Process Connections				
1/4" NPT, Male	7/16-20 UNF male (JIC 37")	G1/4 male (gasket seal)	7/16-20 SAE #4 ORB	1/8" NPT Male

Order Codes (products in bold are normally stock in North America)

Range	Proof-Pressure (psi)	4/20mA, 17-4 PH SS w/O-ring, 1/4" NPT Process, 0.25% Acc*		4/20mA, all 316SS welded, 1/4" NPT Process, 0.25% Acc	
		DIN 43650 A	Cable Outlet (1M /3')	DIN 43650 A	Cable Outlet (1M /3')
30" Hg(-1-0 BAR), UL	2 psi	LIM1104P2AN44PU	LIM1TR4P2AN44PU	LIM1104P2AN46SU	LIM1TR4P2AN46SU
0-1 PSI (0-0.1 BAR), UL	2 psi	LIM1101P2GN44PU	LIM1TR1P2GN44PU	LIM1101P2GN46SU	LIM1TR1P2GN46SU
0-5 PSI (0-0.35 BAR), UL	10 psi	LIM1102P2GN44PU	LIM1TR2P2GN44PU	LIM1102P2GN46SU	LIM1TR2P2GN46SU
0-7 PSI (0-0.5 BAR), UL	14 psi	LIM1103P2GN44PU	LIM1TR3P2GN44PU	LIM1103P2GN46SU	LIM1TR3P2GN46SU
0-15 PSI (0-1 BAR), UL	30 psi	LIM1104P2GN44PU	LIM1TR4P2GN44PU	LIM1104P2GN46SU	LIM1TR4P2GN46SU
0-25 PSI (0-1.6 BAR), UL	50 psi	LIM1105P2GN44PU	LIM1TR5P2GN44PU	LIM1105P2GN46SU	LIM1TR5P2GN46SU
0-30 PSI (0-2 BAR), UL	60 psi	LIM1106P2GN44PU	LIM1TR6P2GN44PU	LIM1106P2GN46SU	LIM1TR6P2GN46SU
0-36 PSI (0-2.5 BAR), UL	72 psi	LIM1107P2GN44PU	LIM1TR7P2GN44PU	LIM1107P2GN46SU	LIM1TR7P2GN46SU
0-50 PSI (0-3 BAR), UL	100 psi	LIM1108P2GN44PU	LIM1TR8P2GN44PU	LIM1108P2GN46SU	LIM1TR8P2GN46SU
0-60 PSI (0-4 BAR), UL	120 psi	LIM1109P2GN44PU	LIM1TR9P2GN44PU	LIM1109P2GN46SU	LIM1TR9P2GN46SU
0-87 PSI (0-6 BAR), UL	174 psi	LIM1101S2GN44PU	LIM1TR1S2GN44PU	LIM1101S2GN46SU	LIM1TR1S2GN46SU
0-100 PSI (0-7 BAR), UL	200 psi	LIM1102S2GN44PU	LIM1TR2S2GN44PU	LIM1102S2GN46SU	LIM1TR2S2GN46SU
0-150 PSI (0-10 BAR), UL	300 psi	LIM1103S2GN44PU	LIM1TR3S2GN44PU	LIM1103S2GN46SU	LIM1TR3S2GN46SU
0-200 PSI (0-15 BAR), UL	400 psi	LIM1104S2GN44PU	LIM1TR4S2GN44PU	LIM1106S2GN46SU	LIM1TR4S2GN46SU
0-230 PSI (0-16 BAR), UL	460 psi	LIM1105S2GN44PU	LIM1TR5S2GN44PU	LIM1105S2GN46SU	LIM1TR5S2GN46SU
0-300 PSI (0-20 BAR), UL	600 psi	LIM1106S2GN44PU	LIM1TR6S2GN44PU	LIM1106S2GN46SU	LIM1TR6S2GN46SU
0-360 PSI (0-25 BAR), UL	720 psi	LIM1107S2GN44PU	LIM1TR7S2GN44PU	LIM1107S2GN46SU	LIM1TR7S2GN46SU
0-500 PSI (0-35 BAR), UL	1,000 psi	LIM1108S2GN44PU	LIM1TR8S2GN44PU	LIM1108S2GN46SU	LIM1TR8S2GN46SU
0-580 PSI (0-40 BAR), UL	1,160 psi	LIM1109S2GN44PU	LIM1TR9S2GN44PU		
0-725 PSI (0-50 BAR), UL	1,450 psi	LIM1101T2GN44PU	LIM1TR1T2GN44PU		
0-870 PSI (0-60 BAR), UL	1,740 psi	LIM1102T2GN44PU	LIM1TR2T2GN44PU		
0-1,000 PSI (0-70 BAR), UL	2,000 psi	LIM1103T2GN44PU	LIM1TR3T2GN44PU		
0-1,500 PSI (0-100 BAR), UL	3,000 psi	LIM1104T2GN44PU	LIM1TR4T2GN44PU		
0-2,000 PSI (0-150 BAR), UL	4,000 psi	LIM1105T2GN44PU	LIM1TR5T2GN44PU		
0-2300 PSI (0-160 BAR), UL	4,600 psi	LIM1106T2GN44PU	LIM1TR6T2GN44PU		
0-3,000 PSI (0-200 BAR), UL	6,000 psi	LIM1107T2GN44PU	LIM1TR7T2GN44PU		
0-3,600 PSI (0-250 BAR), UL	7,200 psi	LIM1108T2GN44PU	LIM1TR8T2GN44PU		
0-4000 PSI (0-300 BAR), UL	8,000 psi	LIM1109T2GN44PU	LIM1TR9T2GN44PU		
0-5,000 PSI (0-350 BAR), UL	10,000 psi	LIM1101U2GN44PU	LIM1TR1U2GN44PU		
0-6,000 PSI (0-400 BAR), UL	12,000 psi	LIM1102U2GN44PU	LIM1TR2U2GN44PU		
0-7500 PSI (0-520 BAR), UL	15,000 psi	LIM1103U2GN44PU	LIM1TR3U2GN44PU		
0-9000 PSI (0-600 BAR), UL	18,000 psi	LIM1104U2GN44PU	LIM1TR4U2GN44PU		
0-10,000 PSI (0-700 BAR)	20,000 psi	LIM1105U2GN44PU	LIM1TR5U2GN44PU		

Electronic Pressure Transmitters

