

Pressure transmitters in compact design for economic application

Model EDC-P

Applications

- ▣ watertreatment
- ▣ compressor
- ▣ HVAC
- ▣ logistics machine
- ▣ railways

Special Features

- ▣ high performance/price rate
- ▣ easily mounting
- ▣ various signal output
- ▣ range up to 600bar
- ▣ good delivery time as stock

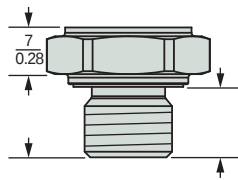


Technical data

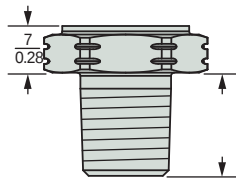
Long term drift	Pressure application
0.25% of F.S. per year(non-cumulative)	pressure range: 0/4bar.....0/600bar
non-repeatability	over pressure protection: 200% of F.S.
0.1% of F.S.	burst protection: 400% of F.S.
Non-linearity	Material
0.2% of F.S.	case: stainless steel
Accurecy	wetted parts: stainless steel
0.75% of F.S.	
compensated temperatures	Ingress protection
-40 ... +125 °C	IP 65 per EN 60 529 / IEC 529
operating temperatures	Fatigue life
-40 ... +125 °C	over 100M cycles

response time	signal output
1ms	4...20mA 2-wire 0...20mA 3-wire 0...5V 3-wire 0...10V 3-wire
EMC(radiated immunity)	
2004/108/EEC, Emission(group 1, class B) and immunity100V/m	
Power supply	Shock resistance
10/30VDC(14/30VDC with voltage output 3-wire)	200g according to IEC 60068-2-27
reverse polarity protection	vibration resistance
with	20g according to IEC 60068-2-6

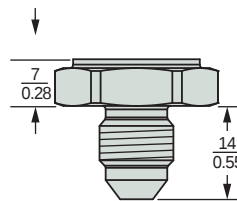
Pressure connections



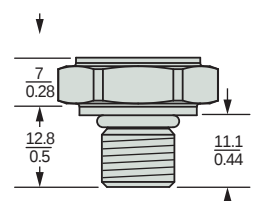
G1/4 A Integral Face Seal



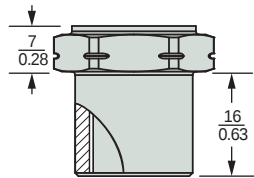
G1/4 External



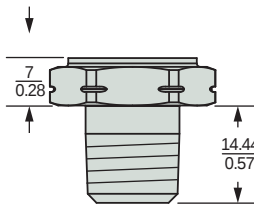
7/16 -20 UNF with 37° Flare



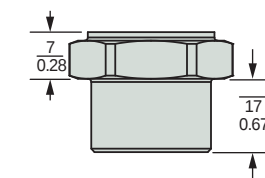
7/16 -20 UNF with O-Ring



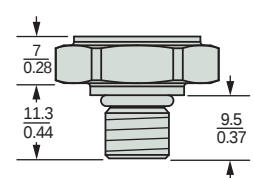
1/4 -18 NPT Internal



1/4 -18 NPT



SAE 4 Female 7/16 Schrader

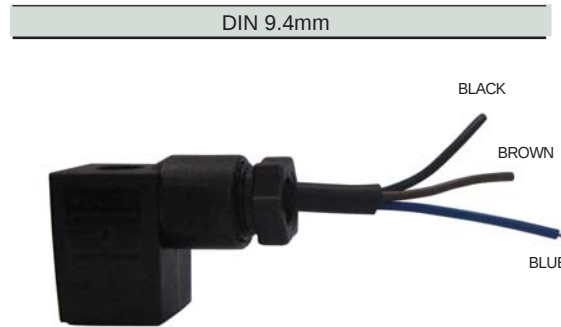


SAE J1926/2:3/8-24

Electrical connections

DIN 9.4 mm			M12 x 1P		Amp Superseal 1.5		Deutsch DT04-4P		Packard MetriPack		
POLARIZING WIDE CONTACT			KEY								
Pin #	Voltage Mode	Current Mode	Voltage Mode	Current Mode	Voltage Mode	Current Mode	Voltage Mode	Current Mode	Pin ID	Voltage Mode	Current Mode
1	V_{out1} (pressure)	Signal	V_{supply}	Supply	V_{out1} (pressure)	No Connect	Ground	Return	C	V_{out1} (pressure)	No Connect
2	V_{supply}	Supply	V_{out1} (pressure)	No Connect	Ground	Return	V_{supply}	Supply	A	Ground	Return
3	V_{out2} (temp)	No Connect	Ground	Return	V_{supply}	Supply	V_{out2} (temp)	No Connect	B	V_{supply}	Supply
4	Ground	Ground	V_{out2} (temp)	No Connect	—	—	V_{out1} (pressure)	No Connect	—	—	—

L-Plug Types



Wire Color	Voltage Mode	Current Mode
Blue	V_{out1} (pressure)	Signal
Brown	Supply	Supply
Black	Ground	Ground
Green	V_{out2} (temp)	No Connect

Cable-Out Types

	Strain Relief Gland		1/2 Conduit Connection	
Wire Color	Voltage Mode	Current Mode	Voltage Mode	Current Mode
Red	Supply	Supply	Supply	Supply
Black	Ground	Return	Ground	Return
White	V_{out1} (pressure)	No Connect	V_{out1} (pressure)	No Connect
Green	V_{out2} (temp)	No Connect	V_{out2} (temp)	No Connect