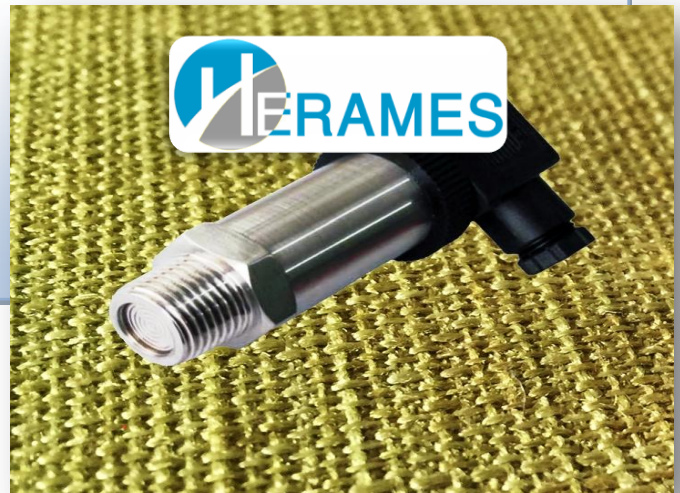








PTF1






Flush Type Piezoresistive Pressure Transmitter

















Features

-  Wide Pressure Range
-  High Accuracy
-  Low Static and Thermal Errors
-  Up to 300% Overpressure Protection
-  Wide media compatibility
-  Long term durable performance in harsh environment

Technical Specs (Typ.)

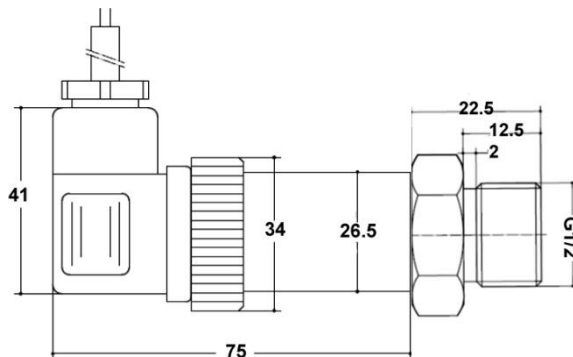
-  Range:
-  Accuracy (combined linearity, hysteresis, repeatability):
-  Pressure Reference:
-  Power Supply :
-  Output:

-  Temperature Coefficient of Zero:
-  Temperature Coefficient of Span:
-  Long term stability (1 year):
-  Pressure Overload
-  Pressure Cycles (Zero to Full Scale):
-  Compensated Temperature:
-  Operating Temperature:
-  Storage Temperature:
-  Electric Connection:
-  Process connection:
-  Materials:

-  Response time:
-  Weight:
-  Protection Rate:

Selectable between 0~0.1 to 0~100	bar
±0.5 (or others on request)	%Span
Vented Gauge, Sealed Gauge, Absolute	
24	V _{DC}
4-20	mA
(or voltage output on request)	
≤±0.02	%FS/°C
≤±0.02	%FS/°C
≤±0.2	%Span
300 (range <1bar); 200 (higher range)	%FS
10+	Million
-10 ~ 70 (-20 to +85 on request)	°C
-20 ~ 125	°C
-40 ~ 125	°C
DIN43650	
G1/2 (or others on request)	
Body: SS304, Diaphragm: SS316,	
Oil: Silicon / Olive	
≤1	mS
180	g
IP65 (IP68 on request)	-



Dimensions (mm)






Note: All detail is subject to change without prior notice

Wiring

Current output (4-20mA):

-  Excitation+ : Pin 1
-  Output+ : Pin2

Voltage output:

-  Excitation+ : Pin 1
-  Excitation- : Pin2
-  Output+ : Pin3

Ver. 4.0-8/16

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