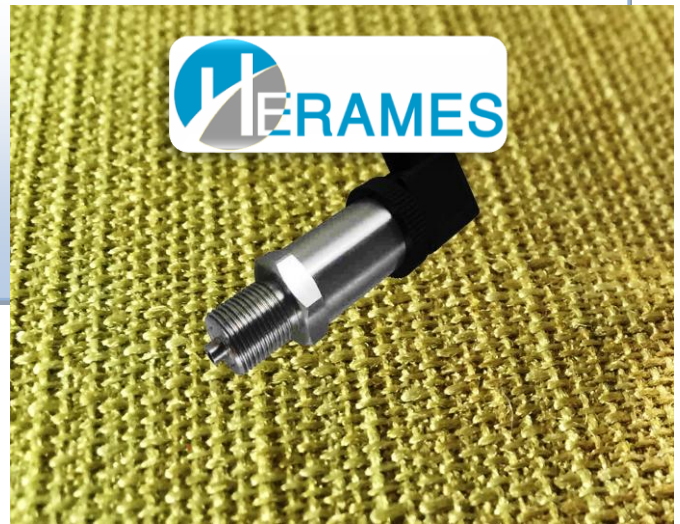








PTD1




















Digital Piezoresistive Pressure Transmitter



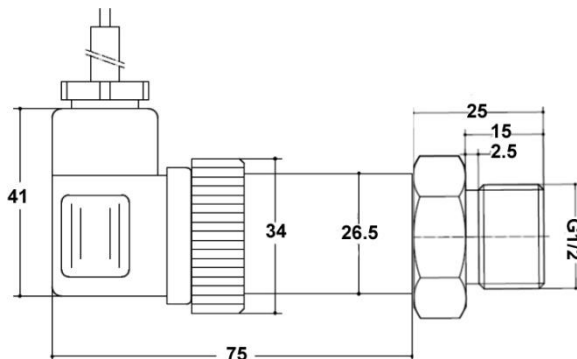
Features

-  HART or I²C output
-  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:	Selectable between 0~0.1 to 0~1000	bar
 Accuracy (combined linearity, hysteresis, repeatability):	±0.5 (or others on request)	%Span
 Pressure Reference:	Vented Gauge, Sealed Gauge, Absolute	
 Output:	HART or I ² C (or others on request)	
 Power Supply :	24 for HART and 3.3 for I ² C	V _{DC}
 Temperature Coefficient of Zero:	≤±0.02	%FS/°C
 Temperature Coefficient of Span:	≤±0.02	%FS/°C
 Long term stability (1 year):	≤±0.2	%Span
 Pressure Overload	300 (range <1bar); 150 (higher range)	%FS
 Pressure Cycles (Zero to Full Scale):	10+	Million
 Compensated Temperature:	-10 ~ 70 (-20 to +85 on request)	°C
 Operating Temperature:	-20 ~ 125	°C
 Storage Temperature:	-40 ~ 125	°C
 Electric Connection:	DIN43650	
 Process connection:	G1/2 (or others on request)	
 Materials:	O-ring: Viton, Body: SS304, Diaphragm: SS316, Oil: Silicon / Olive	
 Response time:	≤1	mS
 Weight:	180	g
 Protection Rate:	IP65 (IP68 on request)	-

Dimensions (mm)



Note: All detail is subject to change without prior notice

Ver. 4.0-8/16

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