

# PTF Series

## FLUSH MOUNT TRANSMITTER



CE



### Description

The PTF Flush Mount Transmitter's small compact design is best utilized in a viscous environment (i.e. paint or coating applications) that requires a flush connection to the source being measured. (The unique flush design eliminates any cavity that could form a build up.) The 316-grade stainless steel design has superior resistance to abrasion and is easily removed for cleaning. The Flush Mount Transmitter utilizes a thick diaphragm seal that provides a higher overpressure and spike protection. The accuracy rating is  $\pm 0.5\%$  and is, also, available at  $\pm 0.25\%$ . The PTF is available up to ranges of 0-10000 psi and can be customized to other ranges, if required. The PTF Series is CE approved.

### Specifications

<b>Electrical Output Signal:</b>	4-20mA, 2 wire (0.5-4.5Vdc, 0.5-5.5Vdc, 1-6Vdc available (3 wire))
<b>Electrical Connection:</b>	Mini DIN 43650 style (4 in) (other types available)
<b>Excitation Voltage:</b>	8-38 Vdc
<b>Connection/wetted Parts:</b>	Flush diaphragm, 3/4-16 UNF connection, 316 & 15-5 stainless steel (Other sizes available)
<b>Housing:</b>	316L stainless steel
<b>Proof Pressure:</b>	2X full scale
<b>Burst Pressure:</b>	5X full scale (maximum 15000 psi)
<b>Normal Operating Temp. Range:</b>	-40F to 170F (-40 to 76C)
<b>Compensated Temp. Range:</b>	-40F to 170F (-40 to 76C)
<b>Thermal Shock Effect:</b>	Less than +/- 1.5% FSO per 100°F (37.7°C)
<b>Ambient Temp. Effect on Zero/Span:</b>	Less than +/- 1.5% FSO per 100°F (37.7°C)
<b>Response Time:</b>	Less than 5mS
<b>Accuracy:</b>	$\pm 0.25$ FSO
<b>Long Term Stability:</b>	Less than +/- 0.25% FS per annum
<b>Protection:</b>	IP65



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How to order: Specify product code  
**PRODUCT CODES**

Flush Mount	
Range *	Code
0-100 psi	PTF100
0-150 psi	PTF150
0-200 psi	PTF200
0-300 psi	PTF300
0-500 psi	PTF500
0-1000 psi	PTF1000
0-1500 psi	PTF1500
0-2000 psi	PTF2000
0-3000 psi	PTF3000
0-5000 psi	PTF5000
0-10000 psi	PTF10000
Other Range	PTF-OR

Other outputs & options available

\* Calibrated in psi other ranges (e.g. bar, etc) available upon request

(Available with Hastelloy C 276 & Inconel Diaphragm Seals)

