

PPM-T6103A LNG Special Pressure Transmitter

Features

- ◆ LNG Pressure Measurement
- ◆ Micro-fused Technology Pressure Transmitter
- ◆ All Metal Sealing, No Leakage Risk
- ◆ Superior Performance at Low Temperature
- ◆ Explosion-proof Circuit Design
- ◆ Overload Ability Strong
- ◆ Vibration Resistance Strong



Description

PPM-T6103A pressure transmitter, with the composition micro fused pressure sensor and high precision digital integrated circuit, can accurate measurements and for a long period of time -196 degrees liquid and quickly provide output signal. This type of pressure transmitter through a dedicated circuit module, filtering and noise suppression, and provides temperature compensation, make the product has unique hydrogen and hydrogen brittleness can resistance, high temperature resistance, resistance to overload, anti-jamming, long life, high cost performance, etc. Typical application: LNG and CNG pressure measuring, Gas control system, Liquefied petroleum gas fuel vehicle and liquefied gas carrier pressure monitoring and measurement.

PPM-T6103A pressure transmitter pressure seat adopts 17-4PH stainless steel single integral structure processing, The integration of the stainless steel diaphragm to overload performance is much higher than diffusion silicon, ceramic, etc, and pressure interface no welds, no oil or other organic matter, sealed performance is good. Sensor sensitive device adopts glass melting technology solid sintering on pressure seat, the sensor of high temperature resistant, shock resistant performance significantly increase, Ensure the sensor in harsh industrial environments, long-term stability and reliability, durable. In the standard purification production process, the parameters are strictly controlled, the entire product components, semi-finished and finished products after the strict test and screening of ageing, stable and reliable performance.

Standard Ranges

Range	Unit
0 ~ 4	MPa

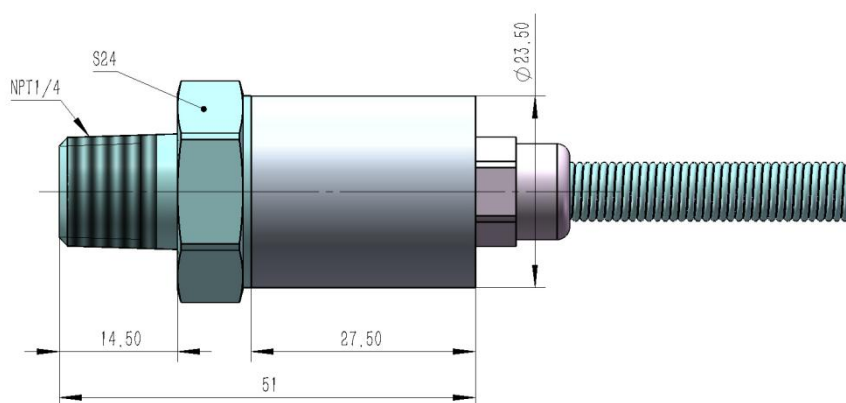
Performance Specifications

Supply Voltage: 5Vdc or 9~30Vdc

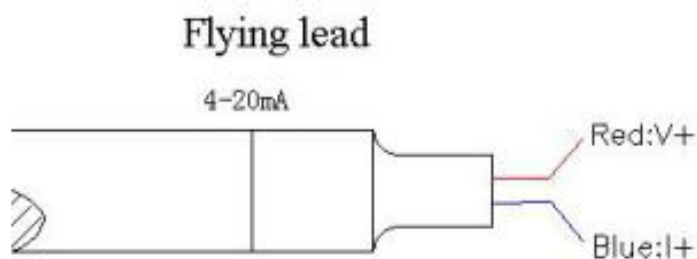
Ambient Temperature: 25°C

PARAMETERS	VALUES	UNIT
Accuracy (combined non linearity, hysteresis, and repeatability)	± 0.25	%Span
Comprehensive accuracy	± 1	%FS
Long term stability (1 year)	± 0.25	%Span
Maximum Resistance Between Transducer & Body (250Vdc)	50	50 M Ω
Pressure Overload	3×	Rated
Burst Pressure	5×	Rated
Pressure Cycles (Zero to Full Scale)	10	Million
Compensated Temperature	-20 ~ 85	°C
Operating Temperature	-40 ~ 125	°C
Storage temperature	-40 ~ 125	°C
Vibration	± 20	g
Shock (11mS)	100	g

Dimensions



Output Options



Ordering Information

The selection code of the example is as follows:

MODEL	[0-X]	M	D	C4	B11	V6	G
PPM-T6103A	Pressure range	Units	Output	Pressure Port	Connection	Power Supply	Type
	[0-X]	P=Pa K=Kpa M=Mpa B=Bar S=Psi	E=4-20mA	C11=NPT1/4	B2=Cable-outlet	V1=24Vdc	G=gage

Example: PPM-T6103A-[0-4]MEC11B2V1G(PPM-T6103A Pressure Sensor, Range:0-4MPa, Output:4-20mA, Pressure Port:NPT1/4,Connection:Cable-outlet,Power Supply:24Vdc,gage)