

XGZP61015 Series Pressure Transmitter

Feature

- Ceramic diaphragm construction
- Smart and exquisite, high stability
- Advanced anti-interference, high insulation
- Anti-overload & shock & vibration
- Anti-water hammer, anti-leak, corrosion-resistant



Applications

- Air Compressor, frequency-alterable constant voltage water supply, building automatic control.
- HVAC controlling (Heating, Ventilation and Air Conditioning), refrigeration, process controlling, hydraulic pressure monitoring, etc.
- Other pressure measure and control of petroleum, chemical industry, metallurgy, power station, hydrology, etc.,.

Introduction

XGZP6101 Pressure Transmitter is high performance and low cost products. It is structured by Piezo-resistive OEM ceramic sensor as signal sensing element and the customized amplified circuit, assort with stainless steel housing and durable Aviation or Hirschmann connector.

XGZP6101 Transmitter is integrally temperature compensated and linearity corrected that can meet the requirement of measure and control under complex environment. Through strict component making, semi-finished product and all-finished product testing and aging, the transmitter is stable and reliable, having excellent consistency, anti-interference, anti-overload and sensitivity.

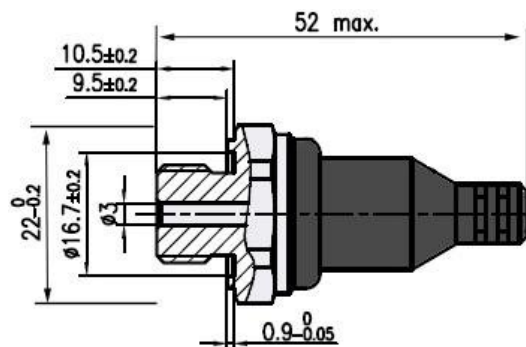
XGZP6101 Transmitter provide various output mode and pressure interface, the OEM service can meet extremely clients application requirement.

Pressure Range (100kPa=0.1mPa=1Bar≈14.5PSI)

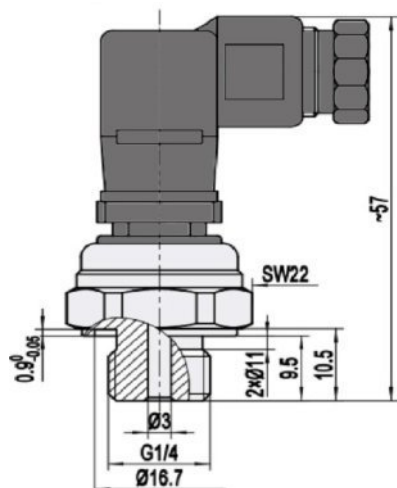
Range	Unit	Range	Unit	Range	Unit
0 ~ 1	mPa	0 ~ 150	PSI	0 ~ 10	Bar
0 ~ 1.6	mPa	0 ~ 240	PSI	0 ~ 16	Bar
0 ~ 2.5	mPa	0 ~ 375	PSI	0 ~ 25	Bar
0 ~ 3	mPa	0 ~ 450	PSI	0 ~ 35	Bar

Performance Parameter

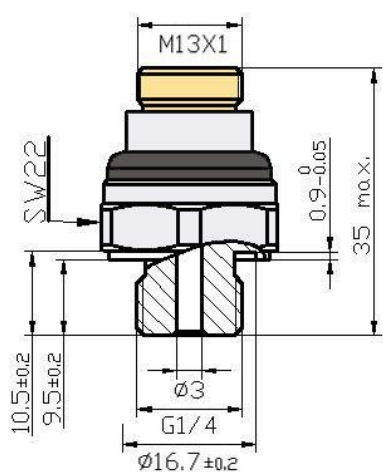
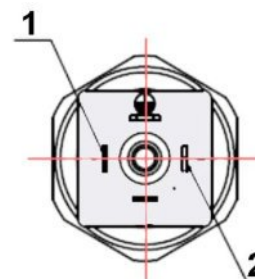
Item	Data	Unit
Accuracy(non-lin., rep. and hys.)	±1	%Span
Zero Thermal Drift	±0.03	%FS/°C
Span Thermal Drift	±0.03	%FS/°C
Long Term Stability(1year)	±2.5	%Span
Insulation Impedance (500Vdc)	500	MΩ
Over pressure	2×	Rated
Burst Pressure	3×	Rated
Pressure Circulation(Zero- Span)	1	Million
Compensation Temp.	-10~70/-14~158	°C/°F
Operating Temp.	-20~100/40~212	°C/°F
Storage Temp.	-40~125/40~257	°C/°F
Load Impedance	≤ (U-8) /0.02	Ω
Response Time	≤ 10	ms
Housing	304SS	
Protection Grade	IP65	
General condition:Power Input: 10-28VDC&Reference Temp.: (25±1)°C/(77±1.8)°F		

Dimension (Unit:mm)&Electrical Connection


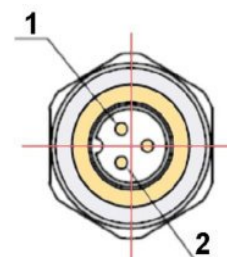
PIN	1	2
Wire Color	Red	Black
Definition	Power: +V	Signal:Out



PIN	1	2	3
Definition	Power: +V	Signal:Out	N/C



PIN	1	2
Wire Color	Red	Black
Definition	Power: +V	Signal:Out



Order Guide

XGZP6101 5 D 4 000 6 10 B S

XGZP6101	5	D	4	000	6	10	B	S	Product Model
									Output (5:4-20mA)
									Elec. Connection(A:Packard B:Cable C:Hir. D:AVN. Plug)
									Accuracy(4:1.0%)
									Customized-make NO(000:Standard, NNN:Customized)
									Pressure Port(0:M20x1.5 5:G1/2 6:G1/4 8:NPT1/4)
									Pressure Range(000-999)
									Pressure Unit(K:kPa M:MPa,B:bar P:PSI)
									Pressure Type(S:Seal Gauge)



Performance Characteristics

