

HTW-CQ04531-IX Pressure transmitter

Description

HTW-CQ04531-IX pressure transmitter uses HT series piezoresistive silicon oil-filled sensor as the signal measuring element. Signal processing circuit located in the stainless steel housing, can convert sensor signal into standard output signal. All the products through components and semi-finished products test, finished products burn-in screening, are with stable and reliable performance.

Feature

- ✧ Wide measurement range, full stainless steel, Flush diaphragm.
- ✧ Various output signal
- ✧ Scene adjustable
- ✧ Protection: IP65
- ✧ Marking:ExiaIICT6;
- ✧ CE certification

Application

- ✧ Compatible with 316LSS, noncorrosive gases & liquids
- Petroleum industry, chemical industry, metallurgy industry, electric power, hydrology etc

Specification

Measurement Range	-0.1... 0~0.01... ~100MPa
Proof pressure	$\leq 1.5X$ rated pressure or 110MPa which ever is less
Pressure type	Gauge, absolute ,sealed gauge
Accuracy	$\pm 0.25\%$ (Typical) $\pm 0.5\%$ (Max.)
Long term stability	$\pm 0.1\%F.S/$ 年 (Typical) $\pm 0.2\%F.S/$ year (Max.)
Temperature Error- Zero	$\pm 0.03\%F.S/^{\circ}C$ ($\leq 100KPa$) $\pm 0.02\%F.S/^{\circ}C$ ($> 100KPa$)
Temperature Error -Span	$\pm 0.03\%F.S/^{\circ}C$ ($\leq 100KPa$) $\pm 0.02\%F.S/^{\circ}C$ ($> 100KPa$)
Operating Temperature Range	-20 $^{\circ}C$ ~80 $^{\circ}C$
Storage Temperature Range	-40 $^{\circ}C$ ~120 $^{\circ}C$
Power supply	15~30VDC
Output signal	4~20mA 0~10/20mA 0/1~5VDC
Pressure port	M20 \times 1.5 G1/2 or customize
Housing material	1Cr18Ni9Ti stainless steel
Diaphragm material	316L
O-ring	Fluororubber
Cable	Polyethylene
Insulation resistance	100M Ω 100VDC
Protection	IP65

Dimension

