

P4XX Series Pressure Sensor

User Guide

1. Electrical Connection

Electrical Connection	Schematic Drawing	4~20mA	0.5~4.5V/0~5V 0~10V	RS485
GX12-3P		 1.Red 2.Black	 1.Red 2.Black 3.Green	
Parker		 A.Black B.Red	 A.Black B.Red C.Green	
Hirschmann		 1.Red 2.Black	 1.Red 2.Green 3.Black	 1.Red 2.Green 3.White 4.Black
GX12-4P		 1.Red 2.Black	 1.Red 2.Black 3.Green	 1.Red 2.Green 3.White 4.Black
M12-4P		 1.Brown 3.Blue	 1.Brown 3.Blue 4.Black	 1.Brown 2.White 3.Blue 4.Black
Direct lead		 1.Red 4.Black	 1.Red 2.Green 4.Black	 1.Red 2.Green 3.White 4.Black

2. Supply Voltage

Output	4~20mA	0.5~4.5V Proportional	0.5~4.5V Absolute	0~5V	0~10V	RS485
Voltage	8~36VDC	4.75~5.25VDC	4.75~5.25VDC	8~36VDC	12~36VDC	10~30VDC
Digital display model						
Output	4~20mA	0~10V		RS485		
General	12~30VDC	12~30VDC		12~30VDC		
Explosion-proof	10~36VDC	12~36VDC		10~36VDC		

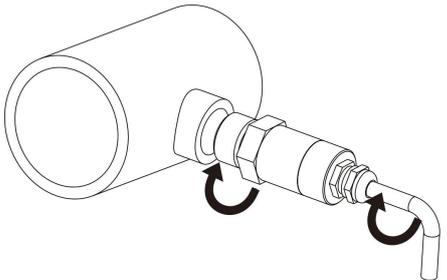
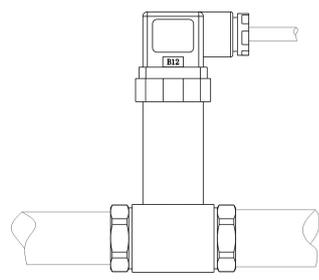
* Addition:When T2010 output is 0~10V, the working voltage is 14~30V; when T2070 absolute output is 0.5-4.5V, the working voltage is 5-15V

3. Working Temperature

Working Temperature	Model
-20~80°C	P407
-20~85°C	P401,P402,P403,P404,P409,P411,P405
-40~120°C	P408,P406

* Addition:The T2030 can be used to measure high temperature media, 5 heat sink for 180°C, 10 heat sink for 260°C

4. Installation

	
The wire and sensor rotate at the same time to prevent the wire from being twisted off	P405 differential pressure transmitter should be mounted horizontally.

5. Medium

medium	Model
Medium compatible with R12, R22, R134A, R404A, R407C, R410A, R502, R507	P408,P406
Gas or liquid compatible with 304 and 316L stainless steel, fluorine rubber ring or NBR	P402,P403,P404, P409,P411,P405
Gases or liquids compatible with 1Cr18Ni9Ti, 304 stainless steel, fluorine rubber ring or Nitrile rubber	P401
Gases or liquids compatible with 1Cr18Ni9Ti, PVDF,FKM or FFKM	P407