

PT124B Series	50 MPa Pressure range	M14 x 1.5 Thread	TC Thermocouple
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PRESSURE SPECIFICATIONS

Pressure Range	0 ~ 50 MPa (0 ~ 7,250 PSI)	Output Signal	0~10V / 0~5V / 4~20mA
Accuracy	0.2% FS	Supply Voltage	24 VDC (9 ~ 36 VDC)
Overload Pressure	2 x FSO	Bridge Resistance	350 ohm +/- 10%
Shunt Calibration	80% FSO +/- 1%	Insulation	1000 Mohm @ 50 VDC
Temp. Drift	<=0.3 MPa / 100 degC	Repeatability	0.2% FSO

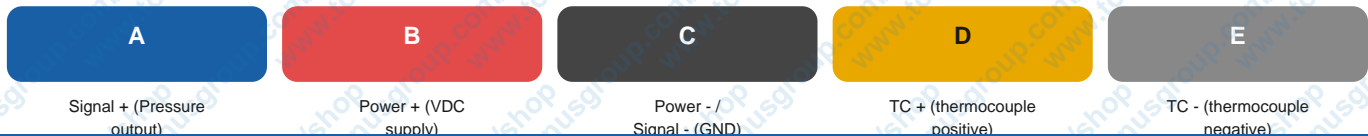
TEMPERATURE SPECIFICATIONS (TC — THERMOCOUPLE)

Sensor Type	Built-in Thermocouple	TC Options	K-type or J-type (specify on order)
Max Diaphragm Temp	350 degC ~ 400 degC	TC Output	Direct millivolt signal
TC Wiring	Dedicated pins in 5-pin connector	Measurement	Simultaneous P + T at one point

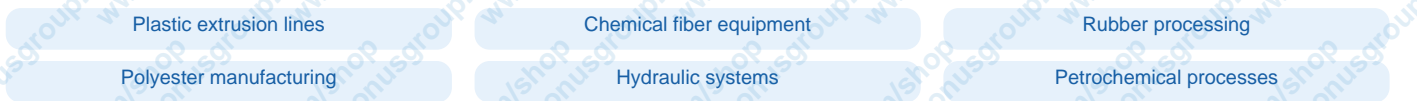
MECHANICAL & ELECTRICAL

Thread (Process)	M14 x 1.5	Connector	5-pin XS12 type
Body Material	Anodized aluminum	Diaphragm Material	15-5 PH Stainless Steel
Cable	Flexible armored conduit	Certification	CE / ISO 9001:2008

WIRING — 5-PIN CONNECTOR (XS12)



TYPICAL APPLICATIONS



NOTE: Specify TC type (K or J) and stem length (150 / 370 / 460 / 470 mm) when ordering. Output signal (0-10V shown on unit label) must also be confirmed. Controller/display must match TC type.