



GENERAL INFORMATION

PTOIL (Pressure-Temperature-Oil) sensors provide integrated pressure and temperature measurement within oil systems. These multi-parameter sensors deliver critical real-time data for monitoring engine performance and predicting maintenance needs.

FEATURES

RTD Package	Leadless chips, wired component, GO
Type	Thin film platinum, tube outline, connection via leads
Resistange Range	100Ω, 1000Ω (Other values on request)
Accuracy	Class T (F0.1), A (F0.15), B (F0.3) according to DIN EN 60751
Pressure Reference	Absolute, Sealed Gage, Differential
Pressure Range	1 psi to 10.000 psi
Outputs	Millivolt, amplified voltage, 4-20 mA, digital
Typical Apps	Aerospace, test and measurement
Approvals	RTCA DO-160G
Housing Material	Stainless Steel
Termination	D38999 Series Connectors
Operating Temperature	-67 °F to 302 °F
*Special designs are made according to customer needs.	

ELECTRICAL INTERFACE

Connector Contact Position	Description
Pin 1	+Excitation (+28VDC)
Pin 2	- Excitation (GND)
Pin 3	- Output
Pin 4	+ Output
Pin 5	RTD 1
Pin 6	RTD 1
Pin 7	RTD 2
Pin 8	RTD 2