



## 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

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

\*Special designs are made according to customer needs.

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## 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