

ET60



EAC

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TEMPERATURE SENSOR





APPLICATIONS

- Marine and Industrial applications
- Tank systems
- High temperature environments
- Engine sleeves and main engine

FEATURES

- Reliable and accurate measurement with thermoresistance (RTD) or thermocouple element
- Heavy duty temperature sensor with mineral insulated cable
- Shock and Vibration Resistance 13.2-100Hz at 0.7g and 25-100Hz at 4.0g

THERMORESISTANCE (RTD) FEATURES

- Sensing element PT100 or PT1000 Class B DIN EN 60751
- Two, three or four wires electrical connection
- Measuring temperature range -50C to 700C
- Max ambient temperature 90C

THERMOCOUPLE FEATURES

- Reliable and accurate measurement with thermocouple element, single or double element
- Measuring temperature range 0C to 1050C.
- Sheath material AISI310
- Max ambient temperature 90C



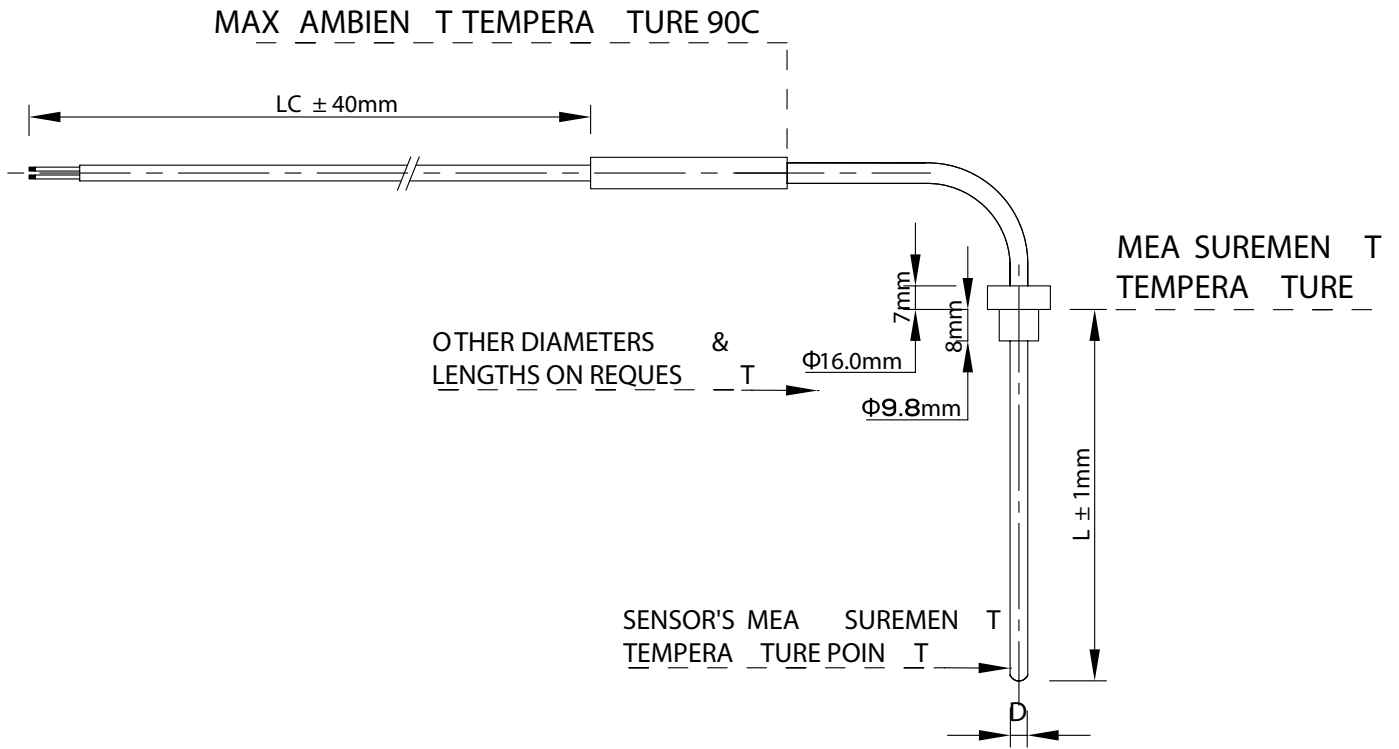
ET60

DRAWINGS



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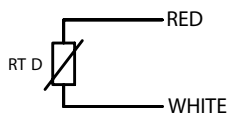
MIHT: Mineral insulated cable, flexible stainless steel tube



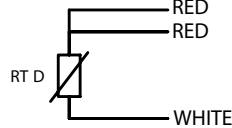


Thermoresistance. Cable Color code according to DIN EN 60751

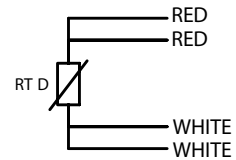
1 x RTD 2 wires



1 x RTD 3 wires

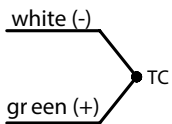


1 x RTD 4 wires

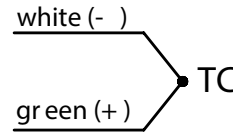
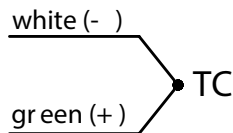


Thermocouple. Color code according to EN 60584-1

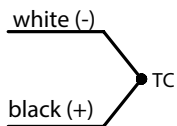
1xK (1xNiCr-NiAl)



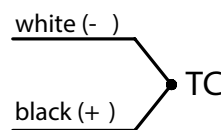
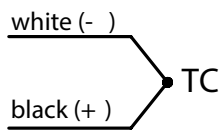
2xK (2xNiCr-NiAl)



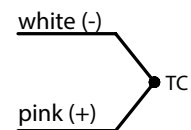
1xJ (1xFe-CuNi)



2xJ (2xFe-CuNi)



1xN (1xNiCrSi-NiSiMg)



ET60

ORDER CODE



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ORDER CODE FOR ET60

SENSOR ELEMENT: THERMORESISTANCE (RTD) OR THERMOCOUPLE

1xPT100 Class B - 2 Wires DIN EN 60751	1
1xPT100 Class B - 3 Wires DIN EN 60751	2
1xPT100 Class B - 4 Wires DIN EN 60751	3
1xPT1000 Class B - 2 Wires DIN EN 60751	4
1xPT1000 Class B - 3 Wires DIN EN 60751	5
1xPT1000 Class B - 4 Wires DIN EN 60751	6
1xTYPE K (NiCr-NiAl) Class 1 EN60584-1	1K
2xTYPE K (NiCr-NiAl) Class 1 EN60584-1	2K
1xTYPE J (Fe-CuNi) Class 1 EN60584-1	1J
2xTYPE J (Fe-CuNi) Class 1 EN60584-1	2J
1xTYPE N (NiCrSi-NiSiMg) Class 1 EN60584-1	1N

LENGTH L [mm ±1]

From 50mm to 200mm	---
OTHER LENGTH L[mm] ON REQUEST	XXX

DIAMETER D[mm]

2.0	2
3.0	3
3.2	3.2
4.5	4.5
4.8	4.8
6.0	6

CABLE LENGTH LC[mm ±40]

From 500mm to 10.000mm	---
OTHER CABLE LENGTH LC[mm] ON REQUEST	XXX

CABLE MATERIAL

PTFE/PTFE/Screen (-60C to 260C)	PPS
- OTHER CABLE MATERIAL ON REQUEST	XXX

ORDERING EXAMPLE: ET60-1K-120-4.5-5-PPS