

MTB52

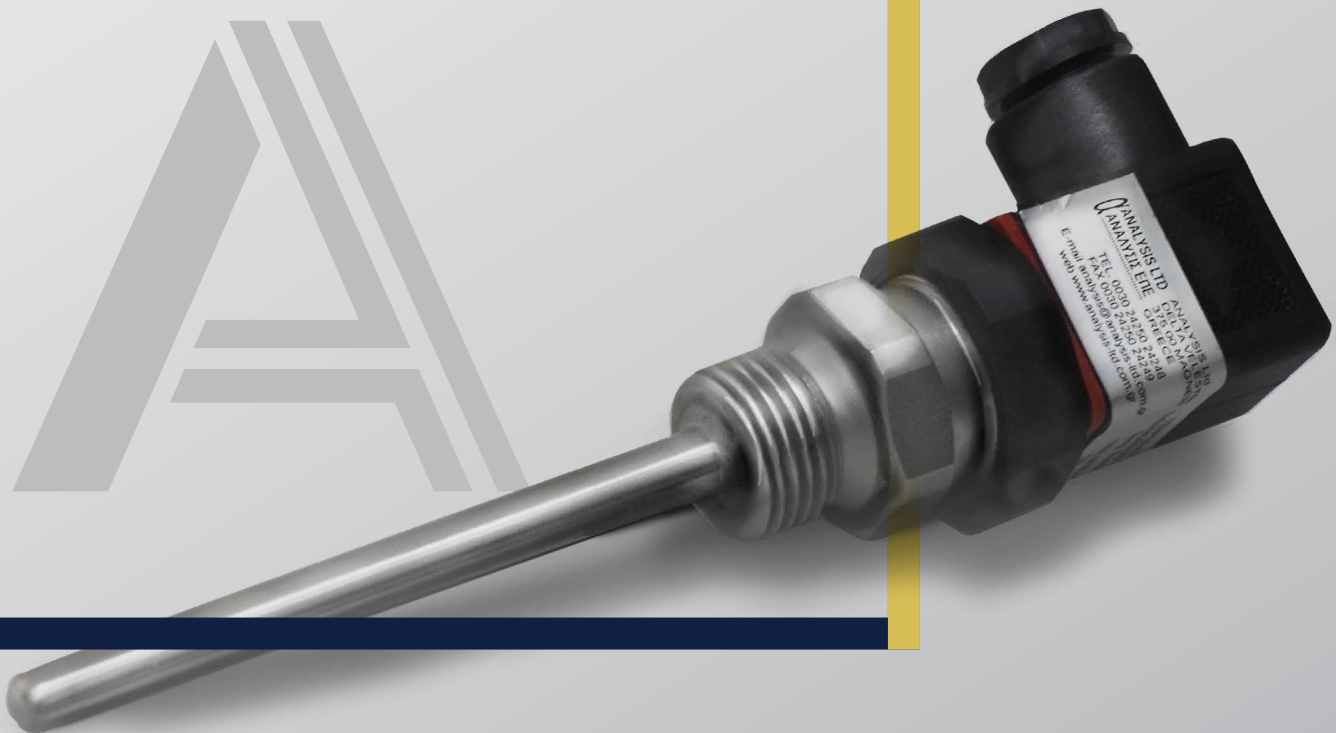


EAC

ANALYSIS LTD

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# TEMPERATURE SENSOR



## APPLICATIONS

Marine and Industrial applications  
Cooling water and refrigeration plants  
Oil lubrication and hydraulic oil

## FEATURES

Connector DIN EN 175301-0803 with Cable gland  
Available with exchangeable element. Easy exchange of measuring element even while the application is in operation  
Protection sheath material AISI304 or AISI316 with a wide range of diameters  
Shock and Vibration Resistance 13.2-100Hz at 0.7g and 25-100Hz at 4.0g

## THERMORESISTANCE (RTD) FEATURES

Reliable and accurate measurement with Thermoresistance (RTD) element  
Sensing element PT100 or PT1000 Class B DIN EN 60751  
Measuring temperature range -50C to 200C  
Max ambient temperature 80C



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Version: MTB52.1.7-22

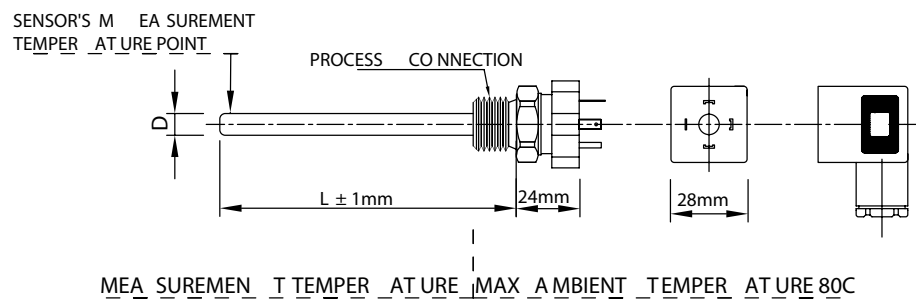
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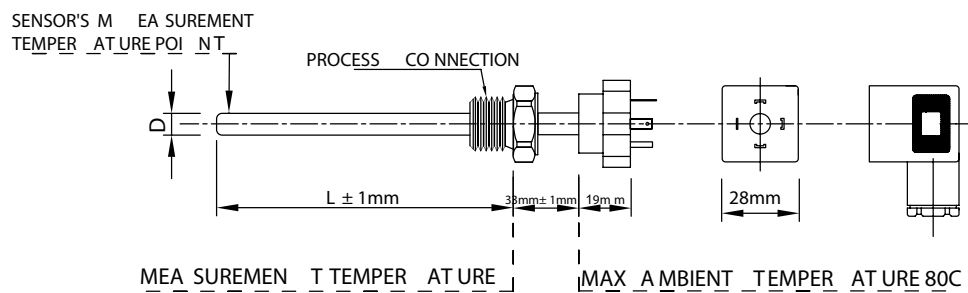




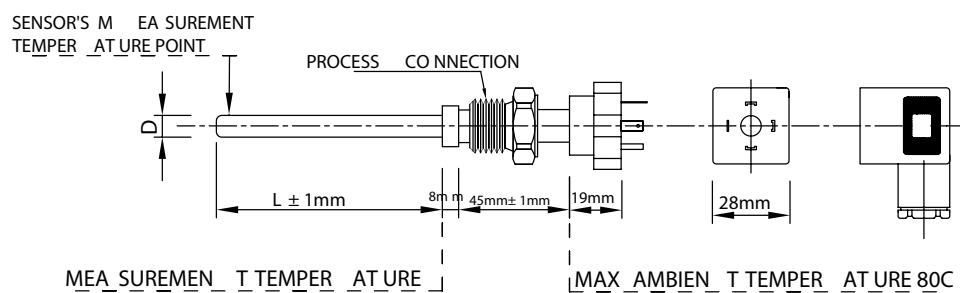
### MTB52-A: Connector DIN EN 175301-0803. Welded process connection.



### MTB52-B: Connector DIN EN 175301-0803. Welded process connection on sheath.



### MTB52-C: Connector DIN EN 175301-0803. Moving process connection



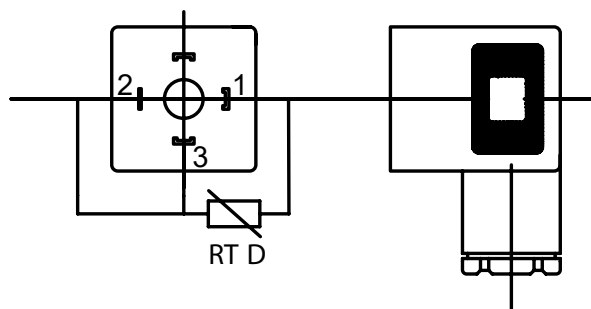
# MTB52

## ELECTRICAL CONNECTION

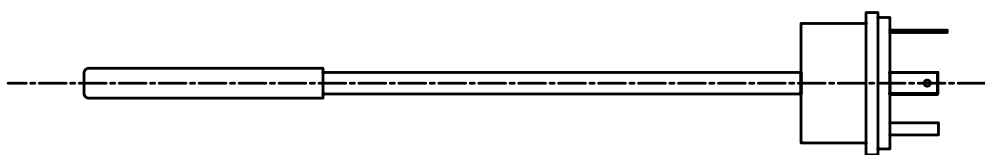


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Thermoresistance (RTD). Connector DIN EN 175301-0803



Exchangeable Element



# MTB52

## ORDER CODE



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### ORDER CODE FOR MTB52

#### Connector DIN EN 175301-0803

MTB52-A  
MTB52-B  
MTB52-C

A  
B  
C

#### SENSOR ELEMENT: THERMORESISTANCE (RTD)

1xPT100 Class B - 3 Wires DIN EN 60751  
1xPT1000 Class B - 3 Wires DIN EN 60751

2  
7

#### ELEMENT

EXCHANGEABLE ELEMENT  
NO EXCHANGEABLE ELEMENT

Y  
N

#### LENGTH L[mm ±1]

From 50mm to 250mm  
OTHER LENGTH L[mm] ON REQUEST

---  
XXX

#### PROTECTION SHEATH MATERIAL

AISI 304  
AISI 316

4  
6

#### DIAMETER D[mm]

5  
6  
8  
10

5  
6  
8  
10

#### PROCESS CONNECTION

G1/2"  
G3/4"  
M24x1.5  
M27x1.5

G12  
G34  
M24  
M27

OTHER PROCESS CONNECTION ON REQUEST

XXX

ORDERING EXAMPLE: MTB52-A-2-Y-100-4-6-G34