

# MI 1039 Springloaded replacement thermocouple sensor

## Sheath

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Construction       | Bendable mineral insulated                                  |
| Material           | SS 316 - (Wst 1.4401) standard, other materials possible    |
| Insertion length   | Customer to specify                                         |
| Process connection | M20x1.5, 1/2"BSP (G1/2"), 1/2"NPT or other threads possible |

## Style / Connection

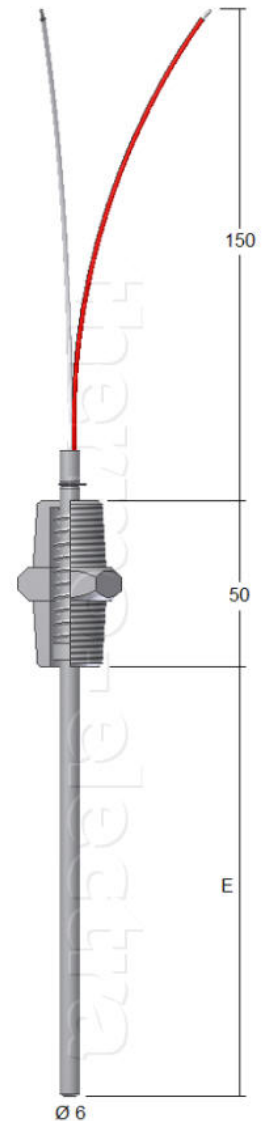
|              |                                                           |
|--------------|-----------------------------------------------------------|
| Mechanical   | To fit M20x1.5, 1/2"BSP (G1/2"), 1/2"NPT or other threads |
| Electrical   | Insulated PTFE wires 180 °C                               |
| Wire length  | 150 mm                                                    |
| Construction | Spring loaded insertion, length > 25mm                    |

## Thermocouple

|                       |                              |
|-----------------------|------------------------------|
| Calibration           | K, T, J, E, N, U or L        |
| For duplex            | KK, TT, JJ, EE, NN, UU or LL |
| Accuracy              | According IEC 60584          |
| Hot junction          | Insulated                    |
| Insulation material   | Mineral insulated ( MgO )    |
| Insulation test       | Tested with 500 Vdc @ 20°C   |
| Insulation resistance | Minimum 100 M ohm            |

## Options

|              |                       |
|--------------|-----------------------|
| Hot junction | Grounded hot junction |
| Diameter     | Other sheath diameter |
| Material     | Other sheath material |
| Thread       | Other thread size     |



## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model

MI 1039