

# ME 7090 knife edge boiler tube thermocouple

| Sheath                |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Construction          | Mineral insulated (MgO)                                                                                         |
| Material              | SS316, SS310, SS446, Pyrosil D, Inconel600, Hasteloy X, Haynes HR160 or other materials possible                |
| Diameter              | 6.0mm standard, other diameters possible                                                                        |
| Total length          | To specify                                                                                                      |
| Connection head       |                                                                                                                 |
| Material              | Aluminium or stainless steel                                                                                    |
| Cable entry           | M20x1.5, 1/2"BSP (G1/2"), 1/2"NPT or other threads possible                                                     |
| Thermocouple          |                                                                                                                 |
| Calibration           | Single K, hot junction insulated, optional grounded                                                             |
| Accuracy              | According IEC 60584                                                                                             |
| Welding Wedge         |                                                                                                                 |
| Dimensions            | 50mm long knife edge standard, other dimensions possible                                                        |
| Material              | Same as sheath                                                                                                  |
| Knif edge mounting    | Axial or radial, tube diameter to specify                                                                       |
| Head extension        |                                                                                                                 |
| Material              | Stainless steel                                                                                                 |
| Length                | 200 mm                                                                                                          |
| Process connection    | M20x1.5, 1/2"BSP (G1/2"), 1/2"NPT or other threads possible                                                     |
| Options               |                                                                                                                 |
| Retaining clips       | Weldable type material to specify                                                                               |
| Heat shield           | Refrex braiding over the sheath length                                                                          |
| Transmitter 4-20mA    | In-Head transmitter, standard or Ex version. Please select from our standard range or specify your own standard |
| Swing-Cover head      | DAN, transmitter direct mounted on measuring insert                                                             |
| High Swing-Cover head | DAN-H, transmitter in cover, insert with ceramic block                                                          |
| Radiation shield      | A weldable radiation shield                                                                                     |



## Ordering code

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

|              |         |  |  |  |
|--------------|---------|--|--|--|
| Model        | ME 7090 |  |  |  |
| Length in mm |         |  |  |  |
| Wedge radius |         |  |  |  |
| Material     |         |  |  |  |

H7-1 Rev. 07/07