MBD Bearing shoe thermocouple sensor 7 x 6,5mm

Application

A range of high accuracy miniature embedded (also known as embedment) thermocouple sensors designed for surface temperature measurements in general industrial applications such as in bearing shoe applications to give a reliable indication of bearing wear and oil film breakdown through continuous monitoring of temperature. These tip sensitive thermocouples have an operating temperature range of -25°C to +250°C and can be supplied with a pressure tested oil seal barrier to prevent leakage. Standard assemblies are easy to install in drilled holes for general temperature sensing applications, whereas the spring loaded 'top hat' style assemblies are inserted into a milled hole with a retaining clip pushed down to compress the spring and retain the sensor against the surface being monitored.



Sensor

Thermocouple type

For duplex KK, TT, JJ, NN or EE

Accuracy According to IEC 60584

Operating range -25°C up to +250°C

Material Stainless steel or Brass

Diameter 7.0mm

Length simplex tip 6.5mm Standard, or contact us to specify **Length duplex tip** 12mm Standard, or contact us to specify

K, T, J, N or E

Cable

Twisted wires with external armour

PFA insulated twisted wires with stainless steel braiding (TA)

Cable with external

armour

PFA cable jacket with external Stainless steel braiding (TTA)

Length 1000mm standard, other lengths possible

Colourcode IEC

Options

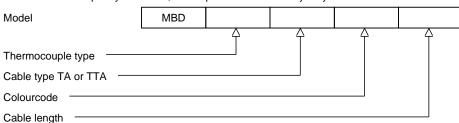
Explosion proof versions

ATEX / IECEx versions available, please consult us

Oil seal partStandard 60 x 4.75mmOther dimensionsPlease consult us

Ordering code

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









Phone +31 (0)15 - 3621200 Fax +31 (0)15 - 3694082 Email sales@thermo.nl http://www.thermo-electra.com

