

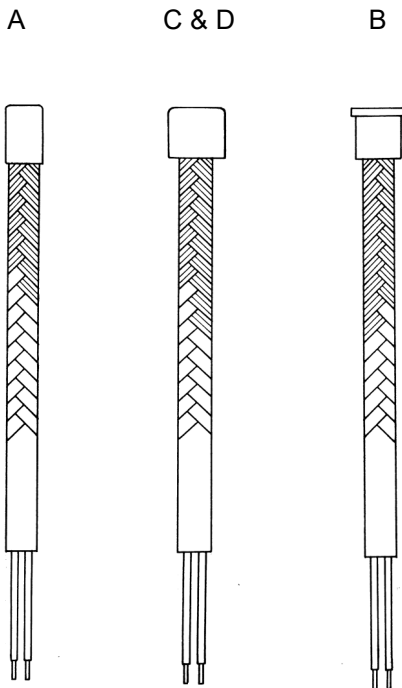
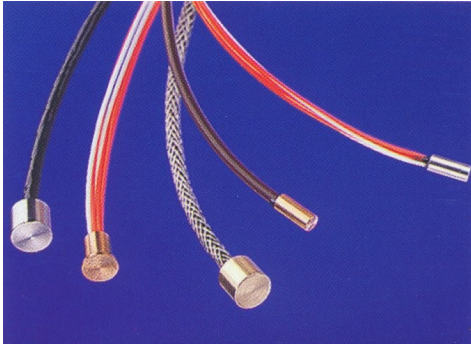
**Product Code:
MBS**

Application Notes:

Temperature is a critical indication of the status of bearings on large rotating plant.

Early indication of a rise in temperature allows the plant engineer to instigate a planned maintenance schedule and so prevent production upset's and expensive replacements.

The miniature bearing sensor is designed to permit it's installation as close to the bearing surface as possible, without disturbance to the bearing or other equipment.



Specification:

<p>CAP TYPE</p>	<p>Type A 316 stainless as standard, 3.20mm (0.125") OD x 8.00mm (0.315") long.</p> <p>Type B Copper or nickle plated copper as standard 4.76mm (0.187") OD x 6.35mm (0.250") long.</p> <p>Type C 316 stainless as standard 6.35mm (0.250") OD x 6.35mm (0.250") long.</p> <p>Type D 316 stainless as standard 7.00mm (0.275") OD x 6.35mm (0.250") long.</p> <p>Flying lead:1000mm (39") minimum.</p>
<p>SENSOR TYPE</p>	<p>PT100: Single or duplex, 2 or 3 wire connection, Class 'B' tolerance and to BS EN 60751:2008.</p> <p>Thermocouple: Types 'T' (Cu/Con), 'E' (NiCr/Con), 'J' (Fe/Con), or 'K' (NiCr/ NiAl) to BS EN 60584-1:2013.</p>
<p>CONDUCTORS</p>	<p>PT100 Single: Silver plated copper conductors 7/0.127mm (28 AWG). PTFE insulated to ASTM-B-298. Rated to 250v RMS.</p> <p>PT100 Duplex: Silver plated copper conductors 7/0.1mm (30 AWG). PTFE insulated to ASTM-B-298. Rated to 250v RMS.</p> <p>Thermocouple Single: 7/0.2mm (24 AWG). PTFE insulated flat pair with PFA jacket.</p> <p>Thermocouple Duplex: 7/0.16mm (24 or 26 AWG), PTFE insulated flat pair with PFA jacket.</p>
<p>OPERATING TEMPERATURE</p>	<p>-50 to +120°C (-58 to+248°F)</p>
<p>OPTIONS</p>	<p>Oil seal barrier Stainless steel overbraid for added mechanical protection</p>

Datasheet : 065