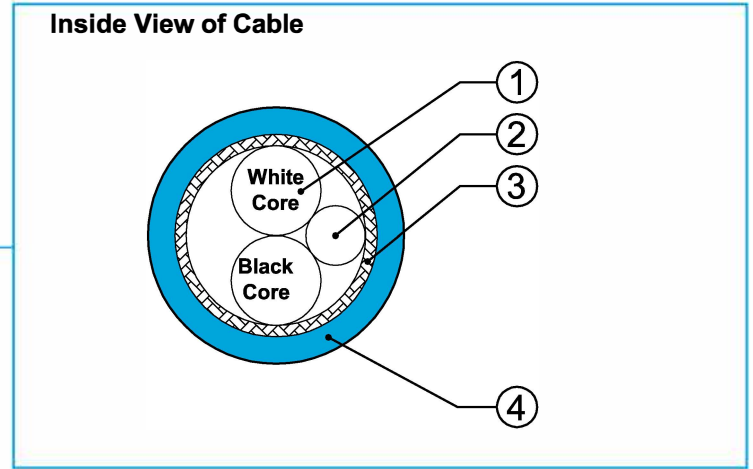
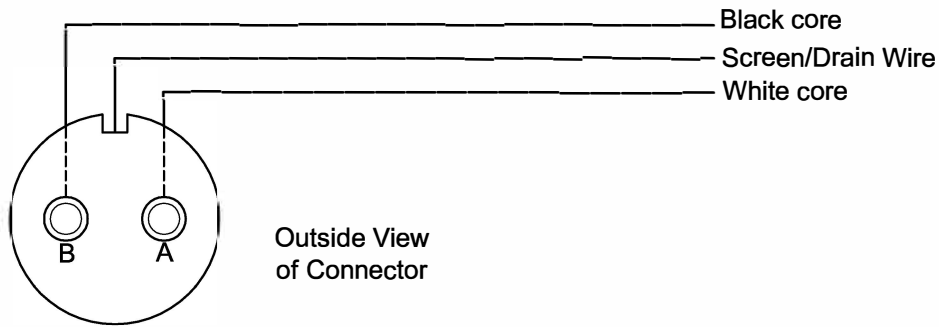


Connection Details of Cable Assembly



2 Pin MS Overmoulded
Straight Socket Connector
with 316 Stainless Steel
Locking Ring

Connector sealed to IP68 only when
connected to the accelerometer.



Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with
high levels of resistance to chemical attack.

Materials of Cable: High Temperature FEP Cable

| Pos | Description | Dimension | Overall Diameter | Remarks |
|-----|---|------------------|--------------------------------|--------------------|
| 1. | Tin plated copper conductor insulation of FEP | 20 AWG | Copper 0.96 Insulation 1.47 | 19 x 0.2 |
| 2. | Tin plated copper drain wire | 20 AWG | 0.96 | 19 x 0.2 |
| 3. | Braided screen of tin plated copper wire | 16 x 6 x 0.127 | 3.3.8 | Optimised: 85% min |
| 4. | Jacket of FEP, blue | Thickness 0.35mm | 4.5 | Tube-Extruded |

Technical Data of Cable

| Technical Data | Values at 20°C | Unit |
|-----------------------|----------------|-----------|
| Conductor Resistance | 34 | Ω / km |
| Insulation Resistance | >5000 | MΩ x km |
| Test Voltage | 3 | KV DC |
| Voltage Rating | 600/1000 | V AC |
| Capacitance | Core-core: 85 | pF / m |
| Inductance | 0.54 | 1kHz μH/m |
| L/R Ratio | 7.94 | μH/Ω |
| Weight | 40 | g / m |
| Temperature Rating | -80 / +200 | °C |



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