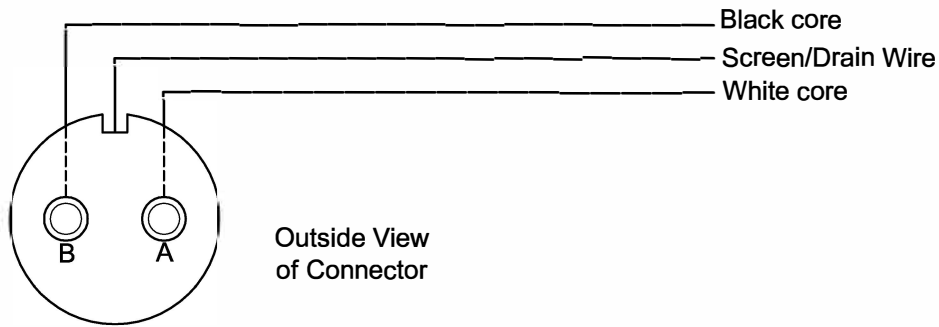
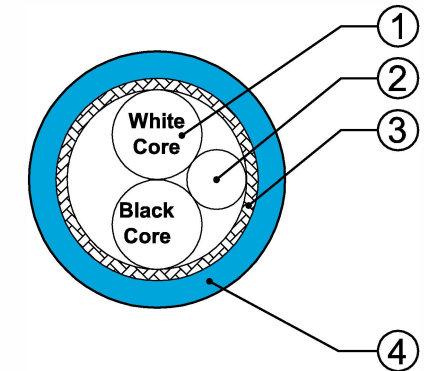


Connection Details of Cable Assembly



Inside View of Cable



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

Connector sealed to IP68 only when connected to the accelerometer.

Ø20.50mm

48.60mm

Free end

Black core
White core
Screen

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 Assembly

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	-55 / +200	°C