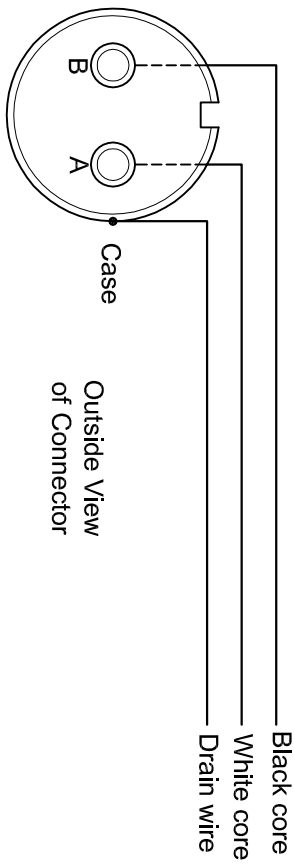


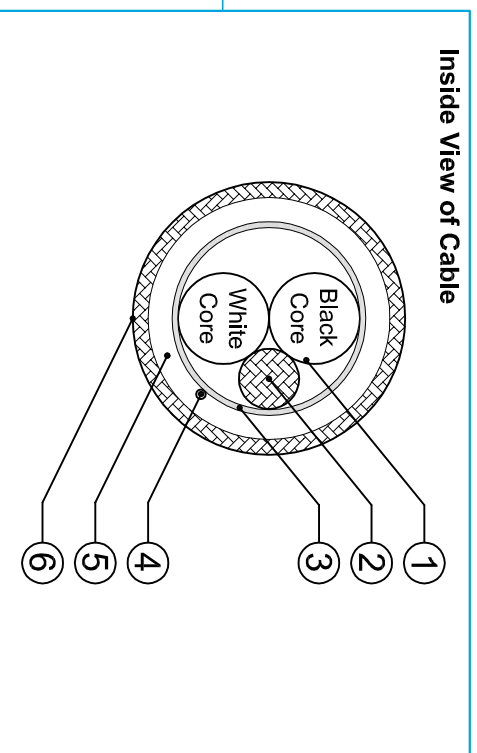
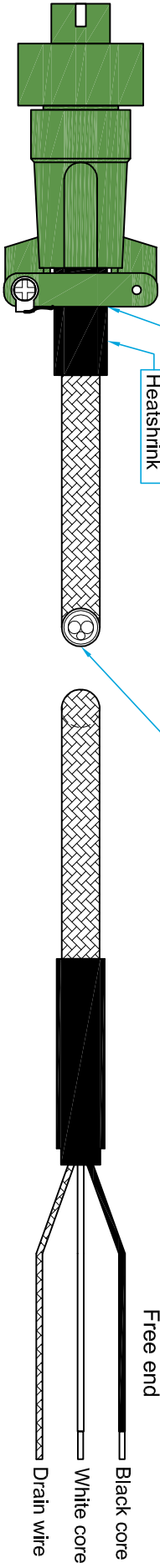
Connection Details of Cable Assembly



Connector sealed to IP66 only when connected to the accelerometer.

2 Pin MS Connector

Heatshrink



Materials of Cable: C01-002 Overbraided ETFE Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor Insulation of ETFE	20 AWG 0,17	0,96 1,30	19 x 0,20 (0,6mm ²)
2.	Drain wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm ²)
3.	Wrapped aluminium polyester foil screen		2,8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0,45	3,7	
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom	Nom. Coverage: 95%

Technical Data of Cable	
Technical Data	Values at 20°C
Conductor resistance	Max: 32,4 Ω / km
Insulation resistance	>1500 MQ x km
Test voltage	3 KV DC
Voltage rating	600 V AC
Capacitance	Core-core: 165 ± 10% nF / km Core-screen: 310 ± 10% nF / km Core-core: 33 ± 10% nF / km Core-screen: 18 ± 10% nF / km
Impedance	Ω
Radiation tolerance	10 E4 Gy
Weight	45 g / m
Temperature rating	-65 / +150 °C

Rev No	DRF No	Date Drg	Drg By	Appd By	Material: N/A
A	Release	03.09.09	MAB	SRB	
Tolerances Unless Stated					
0 or 0.0 ±0.5					
0.00 ±0.15					
Angle ±5°					
Finish All Over 1/8 Threads g6 H6					

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Saunderson Business Park
Haw Lane
Saunderson
Bucks HP14 4JE

Do Not Scale

All Dimensions in mm Unless Otherwise Stated

If In Doubt - Ask!

Scale: 1 : 1

Sheet: 1 of 1

Description: HS-AC001 Data sheet

Drawing No: HS-AC001 Data sheet

Form Number: QF024 Issue 1