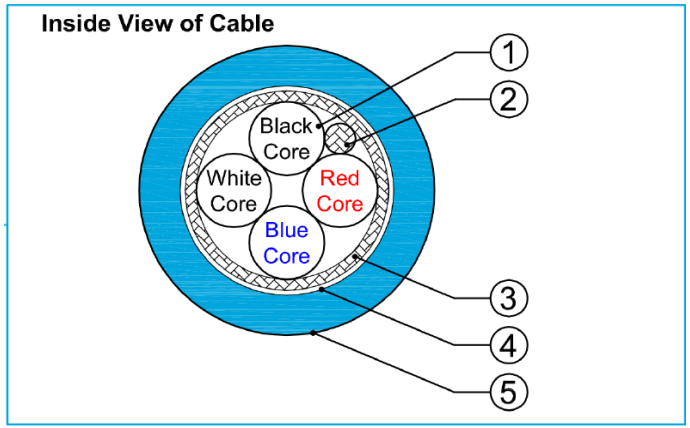
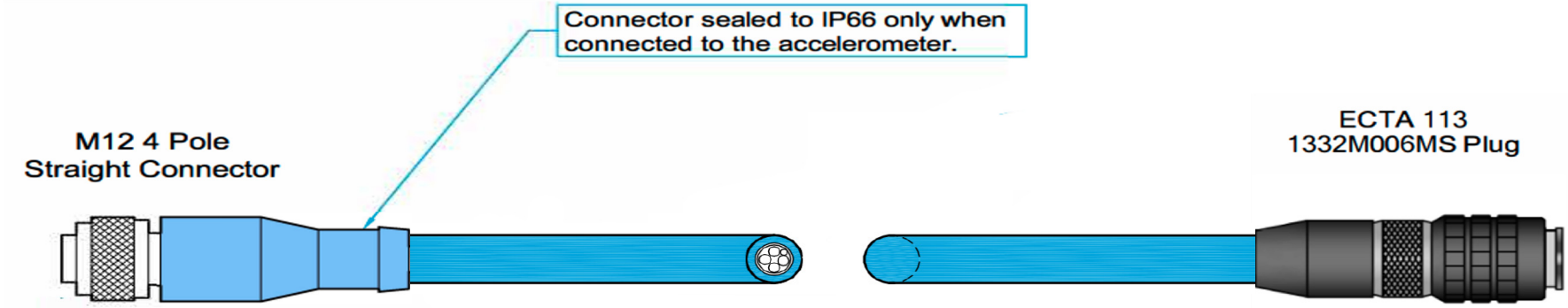
Connection Details of Cable Assembly

M12 Pin 1 - Ecta Pin C
M12 Pin 2 - Ecta Pin D
M12 Pin 3 - Ecta Pin E
M12 Pin 4 - Common 0v





Materials of Cable:				
Pos	**Description**	**Dimen-sion**	**Overall Diameter**	**Remarks**
1.	Tin plated copper conductor Halogen free, flame retardant insulation (RN 2219)	22 AWG t = 0.20	0.76 1.16	19 x 0.16
2.	Drain wire of tin plated copper	26 AWG	0.48	19 x 0.10
3.	Wrapped aluminium / polyester foil screen		3.00	
4.	Jacket of PUR, Blue	t = 1.15	5.30 min: 5.10 max: 5.50	jacket colour should approximate RAL 5019 pressure-extruded smooth and round

Technical Data of Cable		
Technical Data	**Vales at 20°c**	**Unit**
Conductor Resistance	53.1	Ohms / km max
Insulation Resistance	>1500	M Ohms / km
Test Voltage	3	kV DC
Voltage Rating	600 /1000	V AC
Capacitance	Core - op core: 139 Core - ad core: 145 Core - screen: 240	pF / m
Impedance	Core - op core: 48 Core - ad core: 44 Core - screen: 20	Ohms
AC loop Indutance	0.547	mH / km
L/R Ratio	60 Hz: 0.005	ms (2 adjacent cores)

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