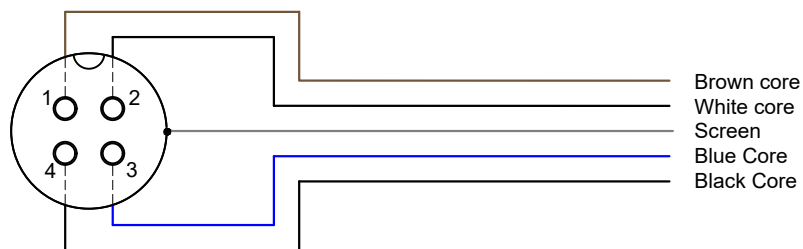
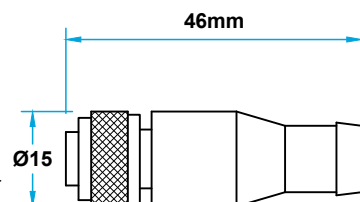


Connection Details of Cable Assembly

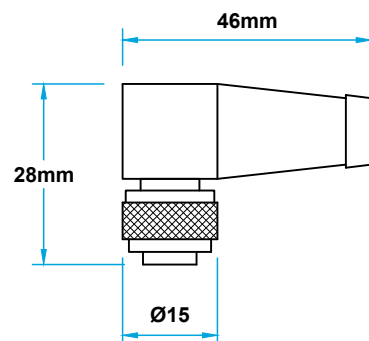
Outside view of
4 Pin M12 Connector



HS-AC010
M12 4 pole
straight connector

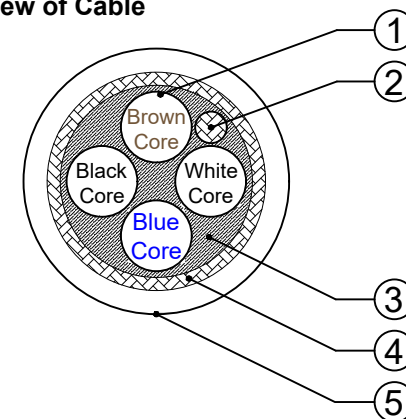


HS-AC011
M12 4 pole right
angle connector



Connector sealed to IP67 only when
connected to the accelerometer.

Inside View of Cable



Free end

Brown core
White core
Screen
Blue core
Black core

Free end core details
White & black core is used for
HS-100, HS-102, HS-120, HS-420 series.

Brown, white & black used for
HS-100T, HS-421 & HS-423 series.

Brown, white, blue & black core used for
HS-420T & HS-422T series.

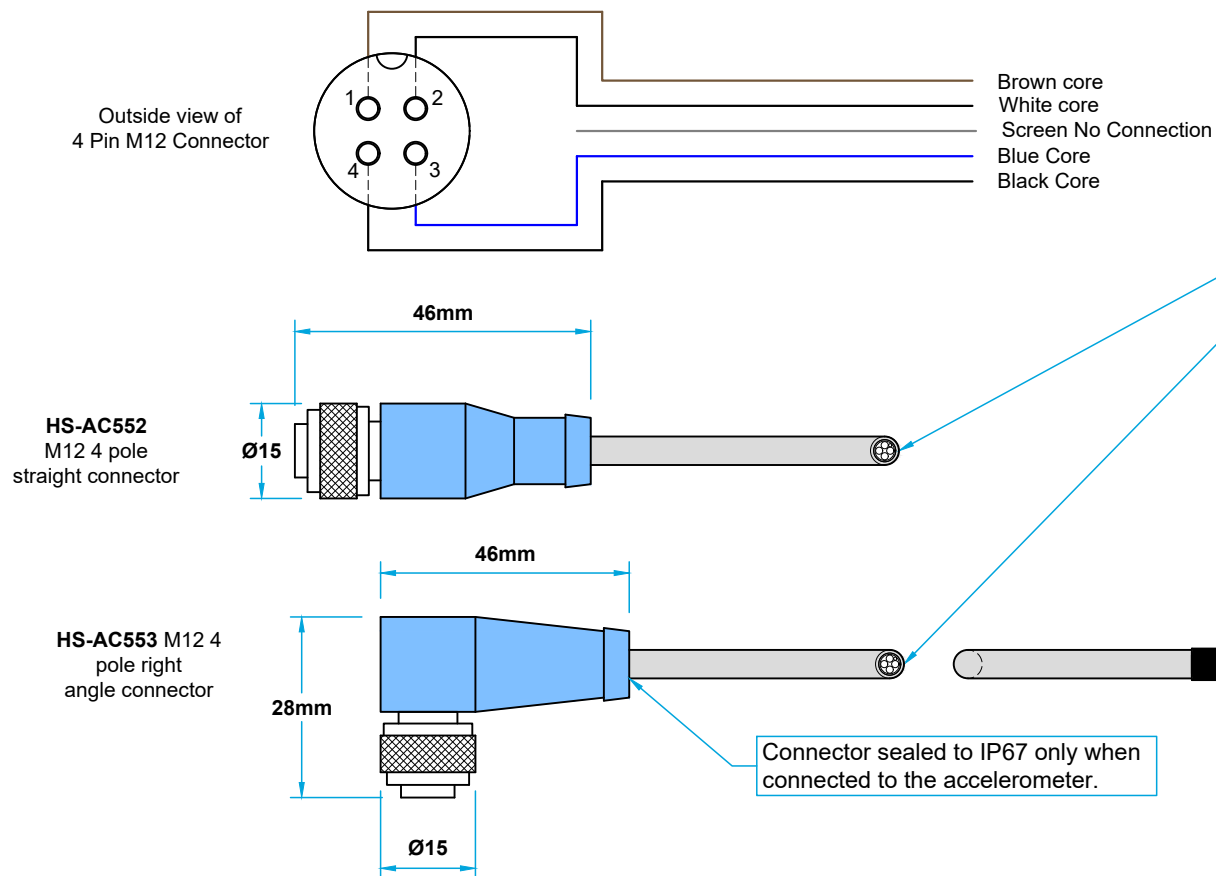
Materials of Cable

Materials of Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
Cable description: LiF9YHC11YH 4 x 0.34mm2 with drain wire qualified for drag chains acc. to UL/CSA 20233		Bending radius	min.10 x outer-Ø	Moving
			min. 5 x outer-Ø	Fixed installation
1.	Conductor, bare soft copper wire		0.10mm	acc. to VDE 0295, cl 6
2.	Screen wire, tinned copper		0.20mm	
3.	Stranding, 4 cores surrounding a woollen inner core			Lengh of lay approx 43mm drain wire
4.	Screen, tinned copper			Coverage: 84% min
5.	Outer sheath, Polyether-Polyurethane PUR11Y Flame retardant acc. to VDE 0472, Part 804/B Oil resistant acc. to VDE 0472, Part 803 Halogen free, free of silicone, seawater-resistant		5.9 ±0,2mm	Grey/Black

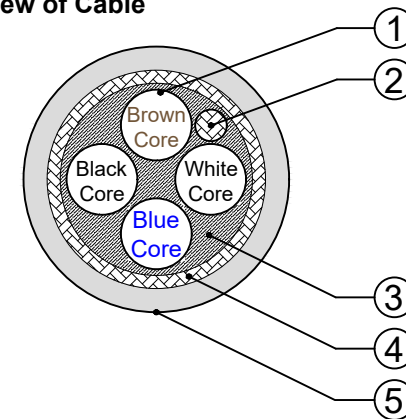
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Resistance	≤57	Ω / km
Test voltage	2	KV
Normal voltage	300	V
Inductance	0.7	μH/m
Capacitance	Parallel wires: 66.7	pF/m
	Nonparallel wires: 63.1	
	Wire/screen: 120.0	
Temperature range	-40°C bis + 80°C	Moving
	-50°C bis + 80°C	Fixed installation

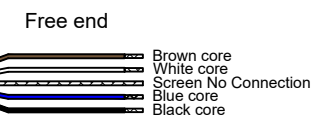
Connection Details of Cable Assembly



Inside View of Cable



Moulded Connector Grey Cable



Materials of Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
Cable description: LiF9YHC11YH 4 x 0.34mm2 with drain wire qualified for drag chains acc. to UL/CSA 20233		Bending radius	min.10 x outer-Ø	Moving
			min. 5 x outer-Ø	Fixed installation
1.	Conductor, bare soft copper wire		0.10mm	acc. to VDE 0295, cl 6
2.	Screen wire, tinned copper		0.20mm	
3.	Stranding, 4 cores surrounding a woollen inner core			Lengh of lay approx 43mm drain wire
4.	Screen, tinned copper			Coverage: 84% min
5.	Outer sheath, Polyether-Polyurethane PUR11Y Flame retardant acc. to VDE 0472, Part 804/B Oil resistant acc. to VDE 0472, Part 803 Halogen free, free of silicone, seawater-resistant		5.9 ±0,2mm	Grey similiar to RAL7040

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Resistance	≤57	Ω / km
Test voltage	2	KV
Normal voltage	300	V
Inductance	0.7	μH/m
Capacitance	Parallel wires: 66.7	pF/m
	Nonparallel wires: 63.1	
	Wire/screen: 120.0	
Temperature range	-40°C bis + 80°C	Moving
	-50°C bis + 80°C	Fixed installation