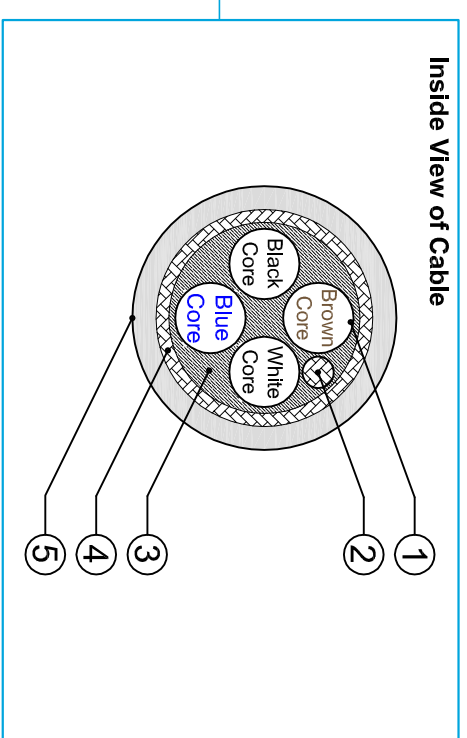
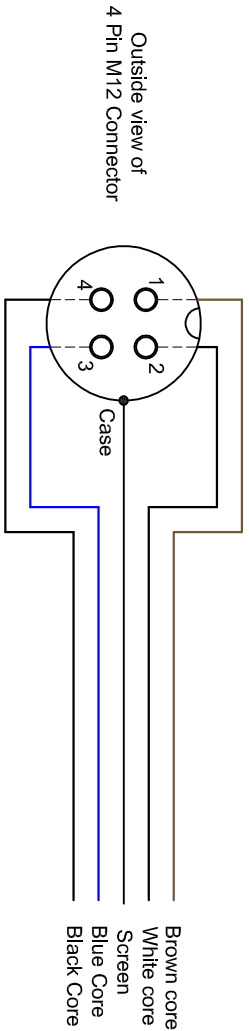
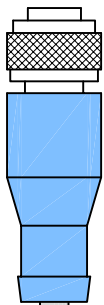


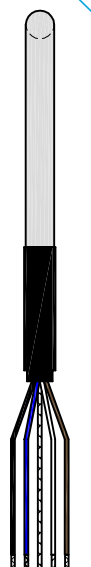
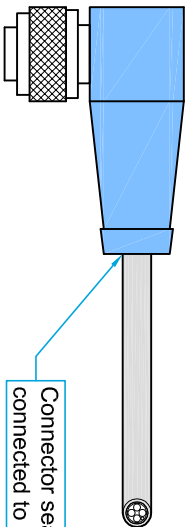
Connection Details of Cable Assembly



HS-AC010
M12 4 pole
straight connector



HS-AC011
M12 4 pole right
angle connector



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			
Pos	Description	Dimension	Remarks
Cable description: LIF9YHC11YH 4 x 0.34mm ² with drain wire qualified for drag chains acc. to UL/CSA 20233			
1.	Conductor, bare soft copper wire	Bending radius min. 5 x outer-Ø	Moving Fixed Installation
2.	Screen wire, tinned copper	0.10mm	acc. to VDE 0295, cl 6
3.	Stranding, 4 cores surrounding a woollen inner core	0.20mm	Length 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 similar 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	
Temperature range	Wire/screen: 120.0	Moving
	-40°C bis + 80°C	
	-50°C bis + 80°C	Fixed Installation



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