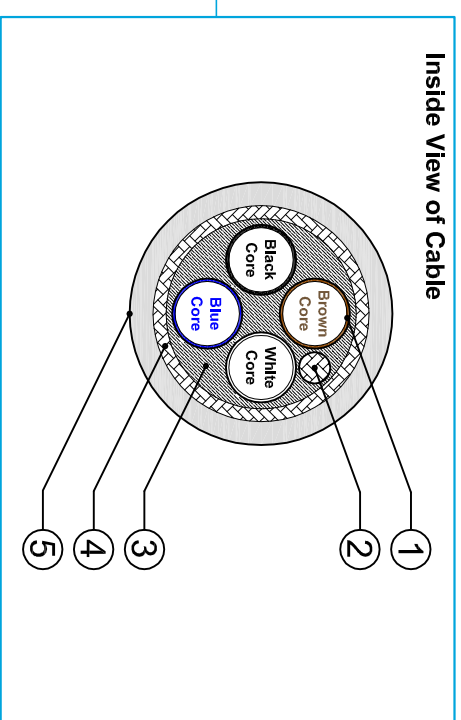
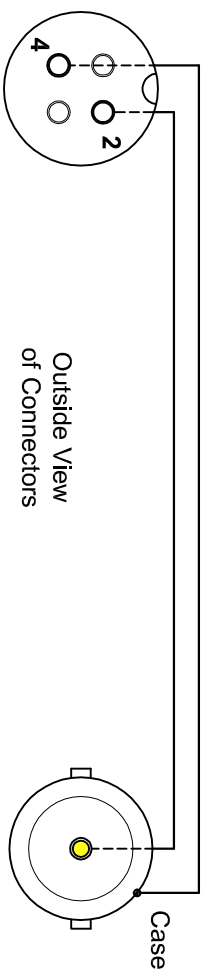
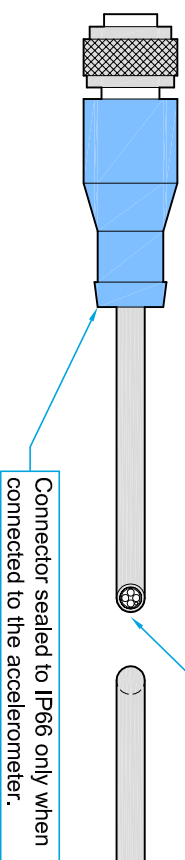


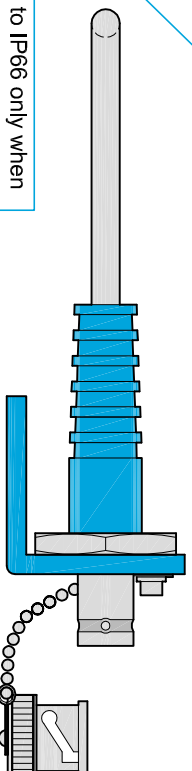
Connection Details of Cable Assembly



M12 4 Pole
Straight Connector



BNC Connector with Dustcap and 90° Bracket



Materials of Cable: C01-015 Screened PUR 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				
1.	Conductor, bare soft copper wire	Bending radius	min. 10 x outer-Ø min. 5 x outer-Ø	Moving Fixed installation
2.	Screen wire, tinned copper		0.10mm 0.20mm	acc. to VDE 0295, cl 6
3.	Stranding, 4 cores surrounding a woollen inner core			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		Values at 20°C	Unit
Technical Data			
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