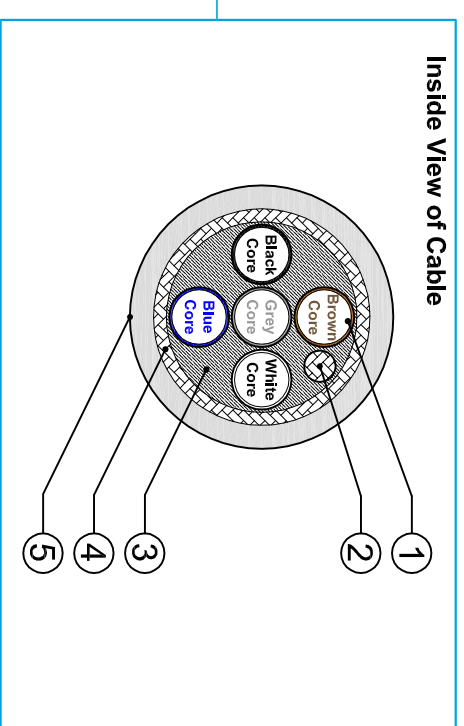
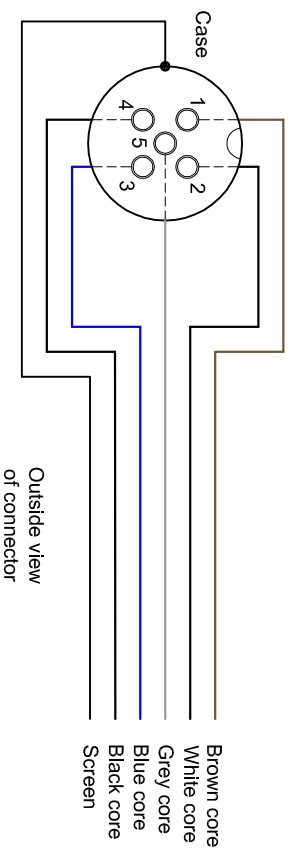
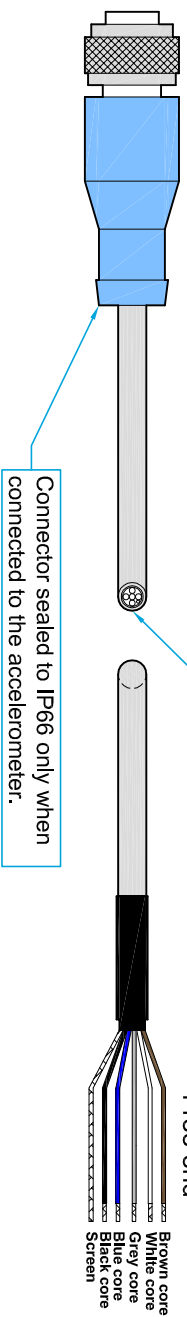


Connection Details of Cable Assembly



M12 5 Pole Straight Connector



Materials of Cable: C01-030 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	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 RAL/040

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