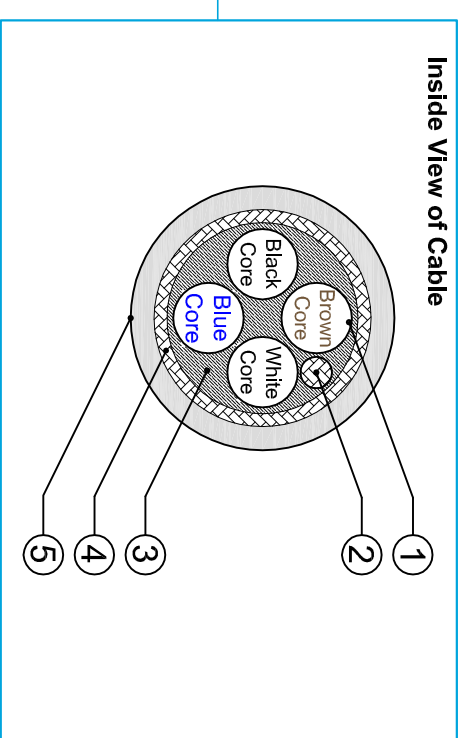
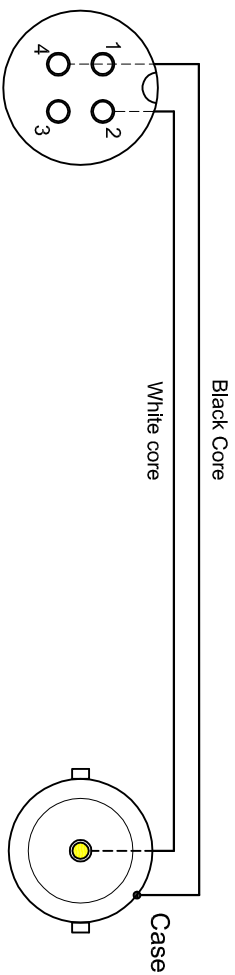
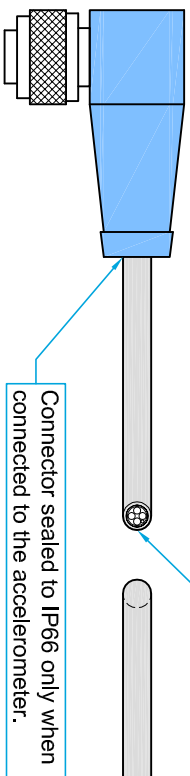


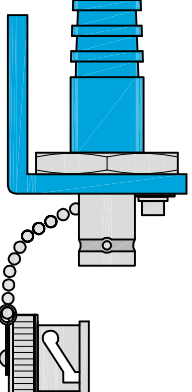
## Connection Details of Cable Assembly



M12 4 pole right angle connector



BNC Connector with dustcap and 90° Bracket



### Materials of Cable

Pos	Description	Dimension	Overall Diameter	Remarks
Cable description: LIF9YHC1YH 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 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	Wires/screen: 120.0	Moving
	-40°C bis + 80°C	
	-50°C bis + 80°C	Fixed Installation



**Hansford Sensors**  
Excellence in Vibration Monitoring

Tel: +44(0) 845 680 1957

Fax: +44(0) 845 680 1958

Email: sales@hansfordensors.com

Web: www.hansfordensors.com