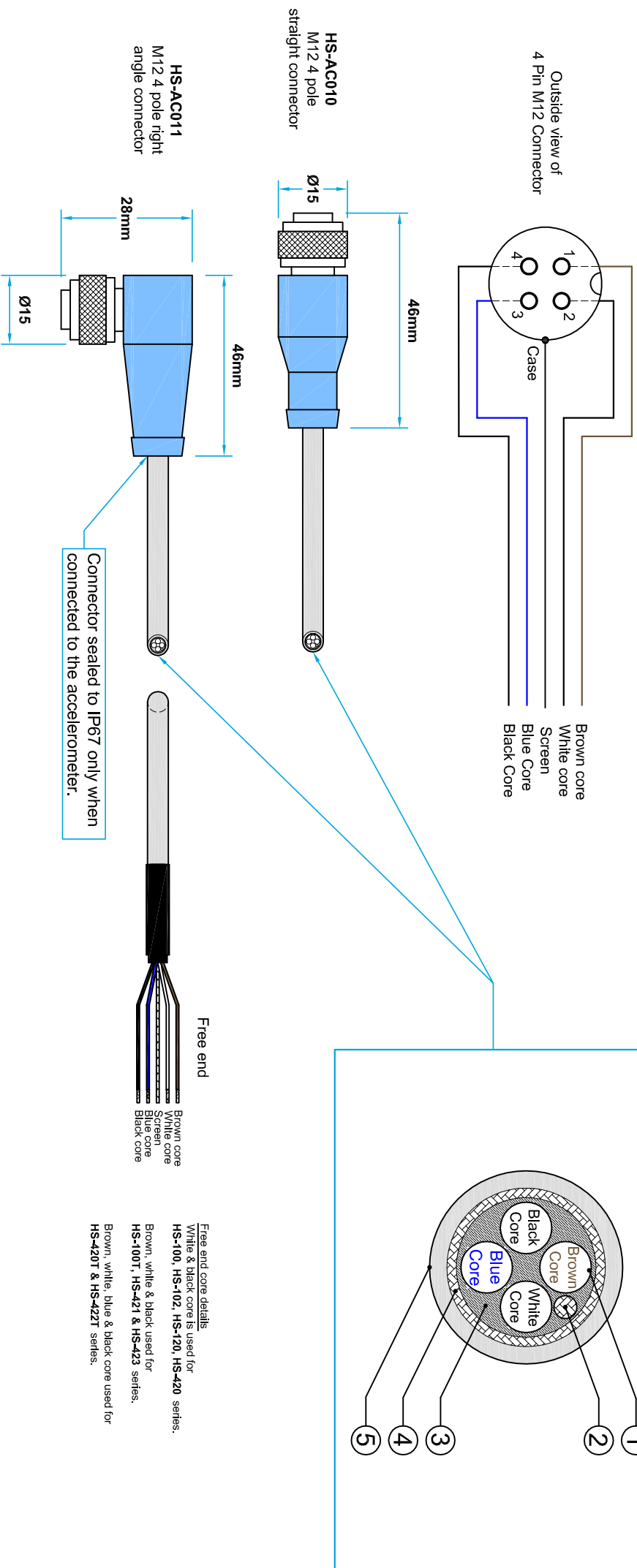


Connection Details of Cable Assembly



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. 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	
4.	Screen, tinned copper		Length of lay approx 43mm drain wire 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
	Parallel wires: 66.7	
Capacitance	Nonparallel wires: 63.1	pF/m
	Wire/screen: 120.0	
Temperature range	-40°C bis + 80°C	Moving
	-50°C bis + 80°C	