

Connection cable - Technical specification



Product picture representative

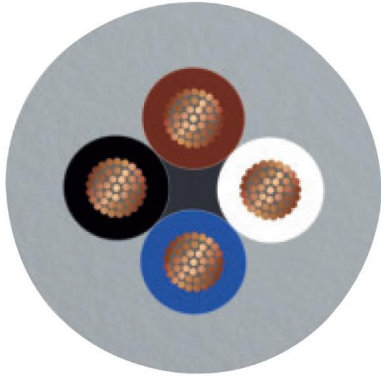
Description	ID	Connector	Length
KA GLN0804-IO-00200-A	1310371	straight	2 meter
KA WLN0804-IO-00200-A	1310372	angled	2 meter
KA GLN0804-IO-00500-A	1310375	straight	5 meter
KA WLN0804-IO-00500-A	1310376	angled	5 meter
KA GLN0804-IO-01000-A	1310379	straight	10 meter
KA WLN0804-IO-01000-A	1310381	angled	10 meter

General information			
Rated current at 40 °C	A	4	
Rated voltage	V	30	
Degree of protection		IP65 / IP67 / IP68	
Packaging			
Side 1		M8-connector	
Number of positions		4	
Coding		A-coded	
Torque	Nm	0,2	
Material of grip body		TPU, hardly inflammable, self-extinguishing	
Material, knurls		Zinc die-cast, nickel-plated	
Side 2		free cable end	

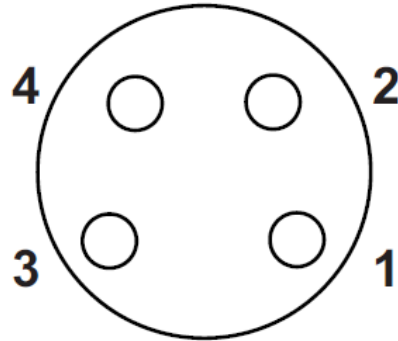
Cable-specific information			
Cable abbreviation		Li12YYTPE-HF	
Conductor cross section	mm ²	4x 0,34	
Wire colors		brown, white, blue, black	
Overall twist		4 wires, twisted	
External sheath, color		gray RAL 7001	
External cable diameter D	mm	4,8 ± 0,2	
Minimum bending radius, fixed installation		4 x D	
Minimum bending radius, flexible installation		7,5 x D	
Number of bending cycles		10000000	
Minimum bending radius, drag chain applications		7,5 x D	
Torsion force	°/m	± 360 (1.000.000 torsion cycles)	
Outer sheath, material		PUR	
Conductor material		Bare CU litz wires	
Insulation resistance	MΩ*km	≥ 20	
Conductor resistance	Ω/km	approx. 53	
Nominal voltage, cable	V	300	
Test voltage, cable	V	2000	
Ambient temperature (operation)	°C	-40 °C ... 90 °C (cable, fixed installation)	
	°C	-30 °C ... 90 °C (cable, flexible installation)	

Drawings

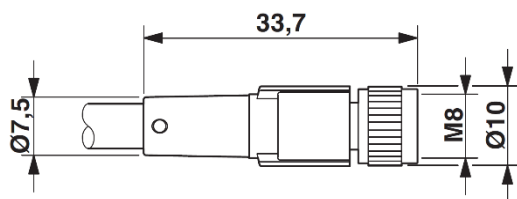
Cable cross section



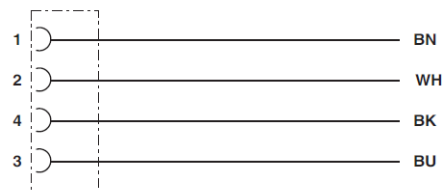
Pin assignment (M8 socket, 4-pos, view female side)



Dimensional drawing socket M8 x 1, straight



Contact assignment of M8 socket



Dimensional drawing socket M8 x 1, angled

