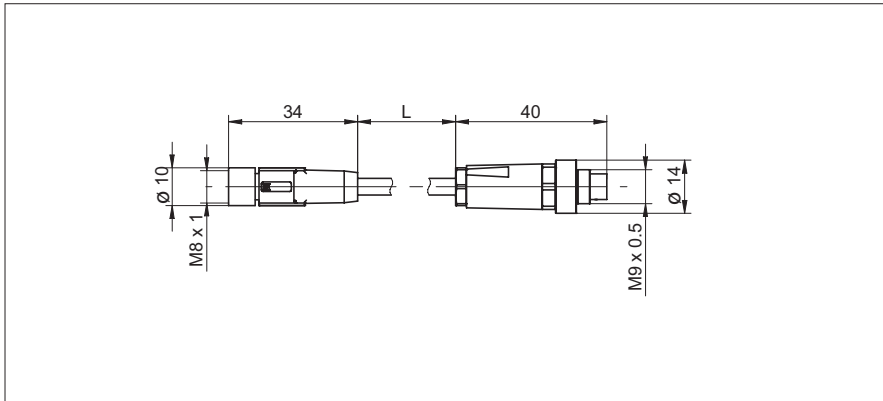


connecting cable 4-wire socket, straight M8 – plug, straight M9

dimension drawing



- 4-wire, shielded
- PUR halogen-free
- suitable for flexible cable carriers
- self-locking cap nut

General data		type	Mat.-No.	L
Rated current at 40 °C	4 A	ESG 32A/KSG62AH0050G	11222504	0,50 m
Rated voltage	60 V	ESG 32A/KSG62AH0200G	11222521	2,00 m
Number of positions	4	ESG 32A/KSG62AH0500G	11222522	5,00 m
Volume resistance	≤ 5 mΩ	ESG 32A/KSG62AH1000G	11222523	10,0 m
Insulation resistance	≥ 100 MΩ			
Length of cable	see listing			
Ambient temperature (operation)	-25 ... 90 °C (Male connector/female connector)			
General characteristics				
Surge voltage category	II			
Pollution degree	3			
Degree of protection	IP65/IP67/IP68			
Contact material	CuSn			
Contact surface material	Ni/Au			
Contact carrier material	TPU GF			
Material of grip body	TPU, hardly inflammable, self-extinguishing			
Material, knurls	Zinc die-cast, (nickel-plated)			
Sealing material	NBR			
Status display	no			
Conductor data				
Cable type	PUR halogen-free black			
Cable abbreviation	Li9Y11Y-HF			
Conductor cross section	0,25 mm ²			
AWG signal line	24			
Conductor structure, signal line	32x0,10 mm			
Core diameter including insulation	1,17 mm ±0,02 mm			
External cable diameter	4,40 mm			
Wire colors	Brown, white, blue, black			
External sheath, color	Black-gray RAL 7021			

other lengths on request

connecting cable 4-wire socket, straight M8 – plug, straight M9

Conductor data (cont.)	
Conductor resistance	≤ 78 Ω/km (at 20 °C)
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	4 wires, twisted
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Cable weight	25 kg/km
Smallest bending radius, movable installation	44 mm
Number of bending cycles	4'000'000
Bending radius	44 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Ambient temperature (operation)	-40 ... 80 °C (cable, fixed installation) -5 ... 80 °C (cable, flexible installation)
Special properties	suitable for flexible cable carriers Silicone-free Free of substances which would hinder coating with paint or varnish
Flame resistance	As per UL-Style 20549
Halogen-free	As per DIN VDE 0472 part 815
Resistance to oil	complying with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant