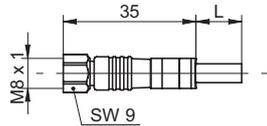


## Connector M8 x 1 with attached PVC-cable and stainless steel cap-nut

### dimension drawing



- 3-wire
- suitable for flexible cable carriers
- hex-nut with self-locking threaded joint

### Socket

body and connector insert	PVC
hex-nut	stainless steel
o-ring	EPDM
contact	CuZn, pre-nickeled and 0,8 µm gold plated

### cable

lead	Cu-ETP1 bare 3 x 0,34 mm <sup>2</sup>
strand insulation	PVC class 43
jacket	PVC class 43, orange, ø 5,0, length see listing

### electrical data

contact resistance	≤ 5 mΩ
nominal current at 40 °C	4A
nominal voltage	60 V
test voltage	1,5 kV eff. / 60 s
insulation resistance	> 10 <sup>9</sup> Ω
pollution degree	3

### ambient conditions

operating temperature	-25 ... +80 °C
protection class	IP 67 / IP 69 K Only in locked position with its proper counterparts In each application impermeability must be assured by taking appropriate measures
chemical resistance	Good resistance against chemicals Actual resistance to chemicals must be verified in each case

### data for dynamic application

bending radius	10 x diameter (dynamic)
acceleration	max. 5 m/s <sup>2</sup>
path feed rate (at 5 m horizontal path)	200 m/min.
guaranteed bending cycles	> 1 Mio.
operating temperature movable installation	+5 °C ... +80 °C

### type Mat.-No. length

#### straight connectors

ESG 32SF0500	10164185	5 m
ESG 32SF1000	11046754	10 m

other lengths on request

### pin assignment

