



Features

- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts

Technical data

Number of pins	3	4
Electrical data		
Operating voltage U_b	Max. 60 V AC/DC	Max. 30 V AC/DC
Testing voltage	> 1500 V_{eff} AC	
Operating current	Max. 3 A	
Volume resistance	< 5 m Ω	
Ambient conditions		
Ambient temperature	-40 ... 90 °C for body Information on cable quality can be found beginning on page 10	
Degree of pollution	3	
Mechanical data		
Pin diameter	1 mm	
Degree of protection	IP67	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, green	
Coupling nut	Die-cast zinc	

Sensor-actuator cable

Field-attachable connectors

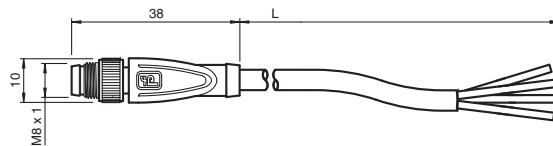
Junction blocks

Sensor-actuator splitters

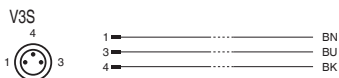
Sensor-actuator receptacles

Data connectors

Dimensions



Electrical connection



Order codes

Cable lengths in m
0.3 to 50

V . . S - G M - . . . M -

Cable quality

- PVC PVC, gray (0.25 mm²)
- BK PVC-U PVC, UL-approved, black (0.34 mm²)
- YE PVC-U PVC, UL-approved, yellow (0.34 mm²)
- PUR PUR, halogen-free, gray (0.25 mm²)
- BK PUR-U PUR, halogen-free, UL-approved, black (0.34 mm²)
- YE PUR-U PUR, halogen-free, UL-approved, yellow (0.34 mm²)

V3S V31S

● Standard, cable lengths of 2 m, 5 m and 10 m available in stock
 ○ Available, minimum order quantity applies in some cases
 - Not available

Number of pins

V3S 3-pin
 V31S 4-pin