



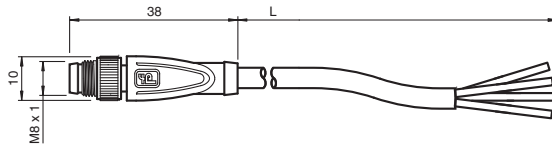
## Features

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

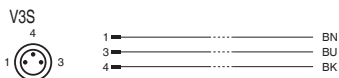
## Technical data

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

## 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 mm <sup>2</sup> )	○	○
BK PVC-U	PVC, UL-approved, black (0.34 mm <sup>2</sup> )	○	○
YE PVC-U	PVC, UL-approved, yellow (0.34 mm <sup>2</sup> )	○	○
- PUR	PUR, halogen-free, gray (0.25 mm <sup>2</sup> )	●	●
BK PUR-U	PUR, halogen-free, UL-approved, black (0.34 mm <sup>2</sup> )	○	○
YE PUR-U	PUR, halogen-free, UL-approved, yellow (0.34 mm <sup>2</sup> )	○	○

● 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

V3S V31S