



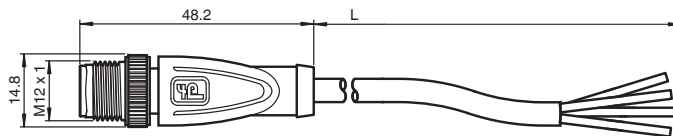
Features

- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts
- Degree of protection: IP67 / IP68 / IP69K

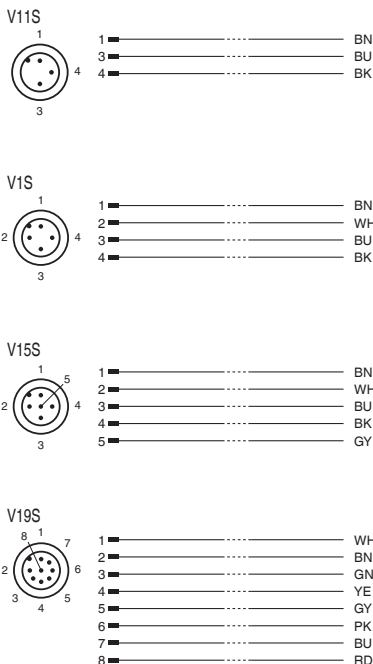
Technical data

Number of pins	3	4	5	8
Electrical data				
Operating voltage U_B	Max. 250 V AC/DC		Max. 60 V AC/DC	Max. 30 V AC/DC
Testing voltage	> 1500 V _{eff} AC			
Operating current	Max. 4 A			Max. 2 A
Volume resistance	< 5 mΩ			
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 / IP68 / IP69K			
Materials				
Contacts	CuSn / Au			
Contact surface	Au			
Body	TPU, green			
Coupling nut	Die-cast zinc			
Approvals and certificates of compliance				
UL file number	E231213 The use of UL-approved cable is a prerequisite for UL approval			

Dimensions



Electrical connection



Order codes

Cable lengths in m
0.3 to 50

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

Cable quality

- PVC	PVC, gray (0.34 mm ²)
BK PVC-U	PVC, UL-approved, black (0.34 mm ²)
YE PVC-U	PVC, UL-approved, yellow (0.34 mm ²)
- PUR	PUR, halogen-free, gray (0.34 mm ²)
BK PUR-U	PUR, halogen-free, UL-approved, black (0.34 mm ²)
YE PUR-U	PUR, halogen-free, UL-approved, yellow (0.34 mm ²)
BK PUR-U	PUR, halogen-free, UL-approved, black (0.25 mm ²)
BK PUR-U/0.75	PUR, halogen-free, UL-approved, black (0.75 mm ²)
- PUR H/S	PUR, halogen-free, irradiated, orange (0.34 mm ²)
OR POC	POC, welding bead resistant, orange (0.34 mm ²)

Number of pins

V11S	3-pin
V1S	4-pin
V15S	5-pin
V19S	8-pin

	V11S	V1S	V15S	V19S
○	○	○	○	-
○	○	○	-	-
○	○	○	-	-
●	●	●	-	-
○	○	-	-	-
-	-	-	●	-
-	○	-	-	-
-	○	-	-	-

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



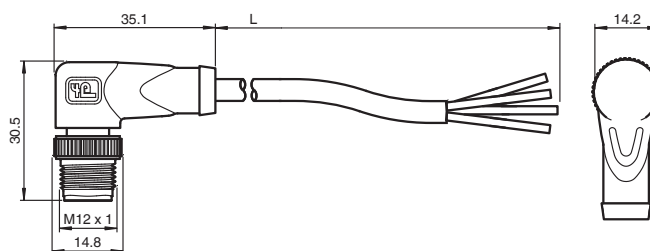
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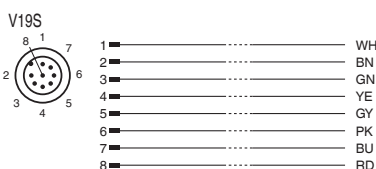
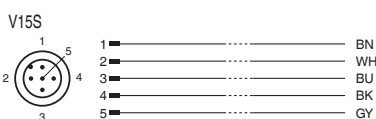
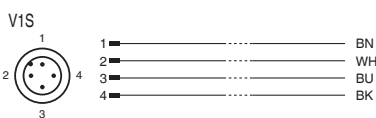
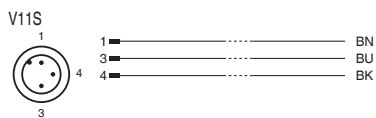
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Dimensions



Electrical connection



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Number of pins

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V1S	4-pin
V15S	5-pin
V19S	8-pin

Availability matrix:

	V11S	V1S	V15S	V19S
Standard	○	○	○	-
Available	○	○	-	-
Available	○	○	-	-
Available	○	○	-	-
Available	○	○	-	-
Available	-	-	-	●
Available	-	-	○	-
Available	-	○	-	-
Available	-	○	-	-

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