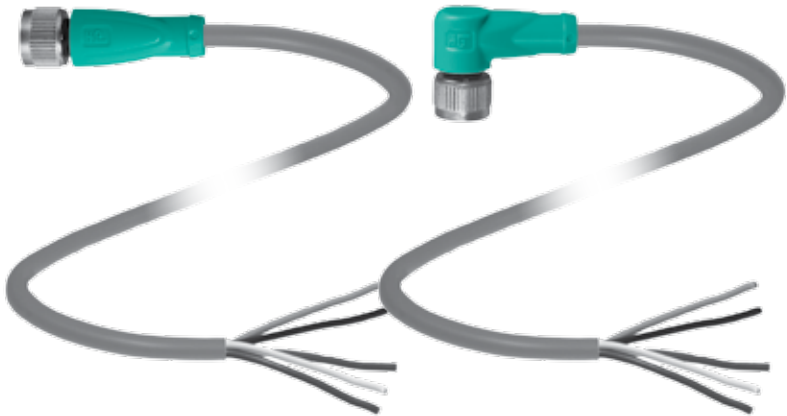


M12 Single-Ended Female A-coded

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

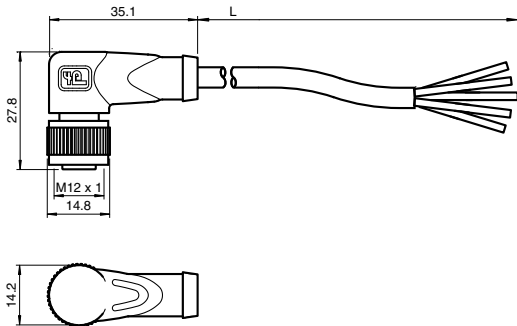
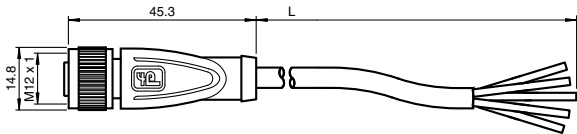


Technical Specifications

Number of poles	3	4	5	8
Electrical data				
Operating voltage maximum	250 V	250 V	60 V	30 V
Operating current maximum	4 A	4 A	4 A	2 A
Ambient conditions				
Ambient temperature	-40 ... 90 °C for body, Information on cable quality see "Raw cable" on page 1088			
Mechanical data				
Contact elements	Spring-loaded contact sockets			
Degree of protection	IP67 / IP68 / IP69K (IP67 only for shielded versions)			
Material				
Contacts	CuSn / Au			
Contact surface	Au			
Body	TPU, green			
Coupling nut	Die-cast zinc			



Dimensions



Model Number

Cable lengths in m
0.3 to 50

Cable quality

	Cable quality	V11	V1	V15	V17	V19
- 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)	-	○	-	-	-
Shielded cable quality						
- PUR-ABG	PUR, halogen-free, shielded, gray (0.34 mm ²)	-	●	●	-	-
BK PUR-U/ABG	PUR, halogen-free, shielded, UL-approved, black (0.25mm ²)	-	-	-	●	●

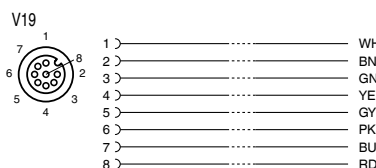
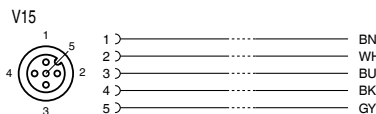
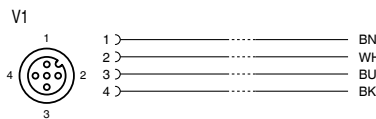
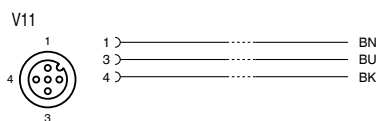
Orientation
G Straight
W Angled

For stainless steel coupling nuts add V4A, e.g. **WV4A, GV4A**

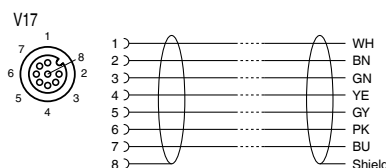
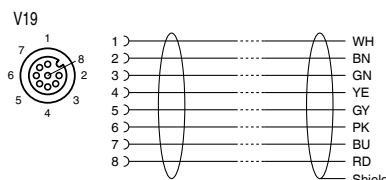
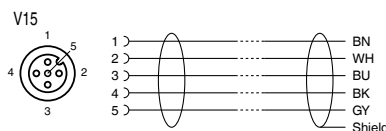
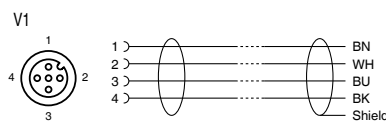
Number of poles
V11 3-pin
V1 4-pin
V15 5-pin
V17 7-pin + 1 x shield
V19 8-pin

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

Wiring Diagrams



Shielded



Subject to modifications without notice

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