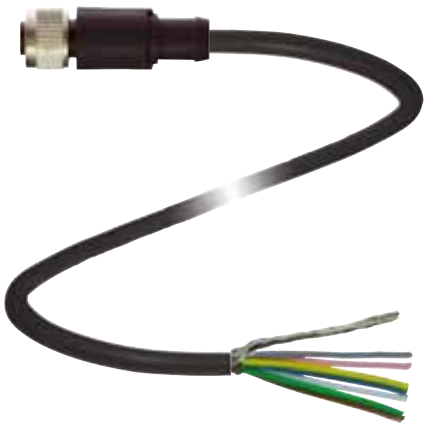




Model Number

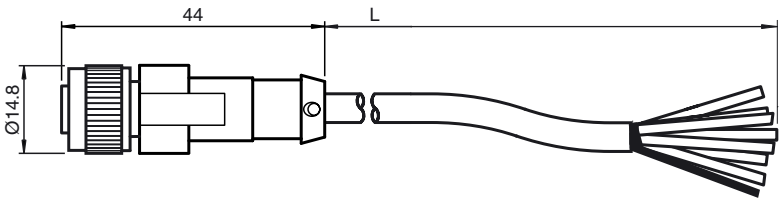
V17-G-10M-PVC-ABG

Female cordset, M12, 8-pin, shielded, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut

Dimensions



Technical data

General specifications

Number of pins	8 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 30 V DC
Operating current	I _B	max. 2 A
Volume resistance		< 5 mΩ

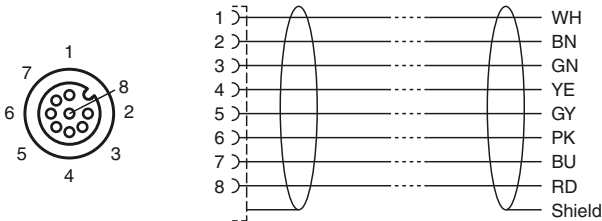
Ambient conditions

Ambient temperature	cable, flexing: -5 ... 70 °C (-238 ... 343 K), cable, fixed: -30 ... 70 °C (243 ... 343 K) Connector: -25 ... 90 °C (-13 ... 194 °F)
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Mechanical specifications

Degree of protection	IP65
Material	
Contacts	CuSn / Au
Contact surface	Ni/Au
Body	TPU, green
Cable	PVC
Slotted nut	Zinc die-casting, nickel-plated
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 7.5 mm
Color	black
Cores	8 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Shield	grid
Length	L 10 m

Electrical connection



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