Model Number

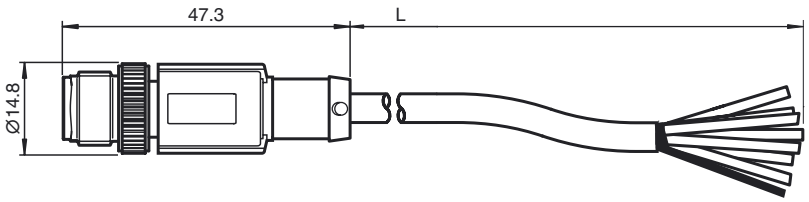
V19SY-G-BK10M-PUR-ABG

Male single-ended cordset, M12, 8-pin, Y encryption, PUR cable, shielded

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Hard-wearing PUR cable
- CAT5/CAT5e cable
- Flame resistant cable
- Suitable for drag chains

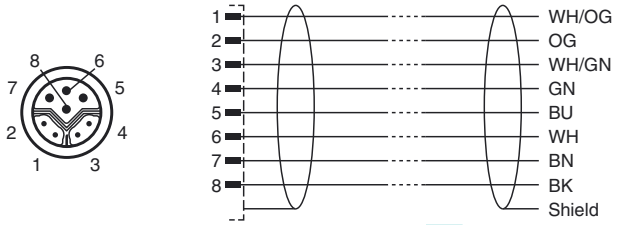
Dimensions



Technical data

General specifications		
Number of pins		8 (4+4) + shield
Electrical specifications		
Rated voltage	U_N	30 V
Rated current	I_N	6 A (power supply) 0.5 A (data)
Volume resistance		≤ 5 mΩ
Ambient conditions		
Ambient temperature		-25 ... 90 °C (-13 ... 194 °F)
Mechanical specifications		
Degree of protection		IP65/IP67
Connection		M12 x 1 plug, 8-pin, Y-encrypted (hybrid)
Material		
Contacts		CuZn
Contact surface		Ni/Au
Body		TPU, black
Cable		PUR
Slotted nut		Zinc die-casting, nickel-plated
Core insolation		PE
Cable		Hybrid Ethernet
Sheath diameter		7.6 mm ± 0.2 mm
Bending radius		> 10 x cable diameter, moving
Color		black
Cores		1x4xAWG26 + 1x4xAWG20
Core cross-section		4 x 0.15 mm² (data) 4 x 0.6 mm² (power supply)
Conductor construction		19 x 0.1 mm (Data) 19 x 0.2 mm (Power supply)
Shield		grid covering 85 %
Length	L	10 m
Drag chain suitability		
Drag chain cycles		≥ 2000000
Motion velocity		≤ 3 m/s
Traverse distance		4.5 m
Acceleration		≤ 3 m/s²
Tightening torque, cable gland		≤ 0.4 Nm
Mating cycles		100
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Standards		CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001) IEC 61076-2-101:2008
Halogen-free		IEC 60754-1:2011

Electrical connection



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