



Model Number

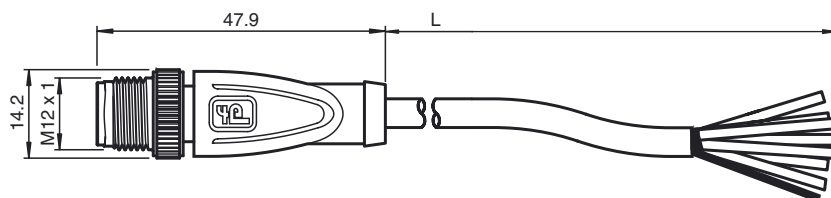
V19S-G-BK5M-PUR-U/ABG

Cable connector, M12, 8-pin, PUR cable, shielded

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Shield attached to coupling nut

Dimensions



Technical data

General specifications

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

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 2 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Sleeve connector	Diecast zinc
Core insulation	PP

Cable	fine-strand, flexible
Sheath diameter	Ø 6 mm
Bending radius	> 10 x cable diameter, moving
Color	black
Cores	8 x 0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 5 m

Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
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Electrical connection

