



Model Number

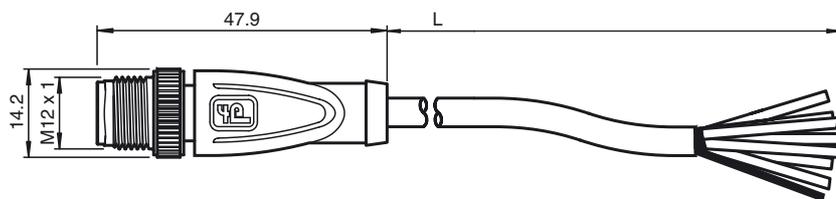
V19S-G-BK7M-PUR-U/ABG

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
- Resistant to microbes and hydrolysis
- Halogen-free
- Shield attached to coupling nut

Dimensions



Technical data

General specifications

Number of pins 8 + shield

Electrical specifications

Operating voltage U_B max. 30 V AC/DC

Test voltage $> 1500 V_{eff AC}$

Operating current I_B max. 2 A

Volume resistance $< 5 m\Omega$

Ambient conditions

Ambient temperature cable, fixed: $-40 \dots 80 \text{ }^\circ\text{C}$ ($-40 \dots 176 \text{ }^\circ\text{F}$)
cable, flexing: $-20 \dots 80 \text{ }^\circ\text{C}$ ($-4 \dots 176 \text{ }^\circ\text{F}$)

Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket

Pin diameter 1 mm

Degree of protection IP67

Material

Contacts CuSn / Au

Contact surface Au

Body TPU, black

Cable PUR

Sleeve connector Diecast zinc

Core insulation PP

Cable fine-strand, flexible

Sheath diameter $\varnothing 6 \text{ mm}$

Bending radius $> 10 \times$ cable diameter, moving
 $> 8 \times$ cable diameter, fixed

Color black

Cores $8 \times 0.25 \text{ mm}^2$

Conductor construction $14 \times 0.15 \text{ mm } \varnothing$

Shield grid covering 85 %

Length L 7 m

Approvals and certificates

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

Electrical connection

