



Model Number

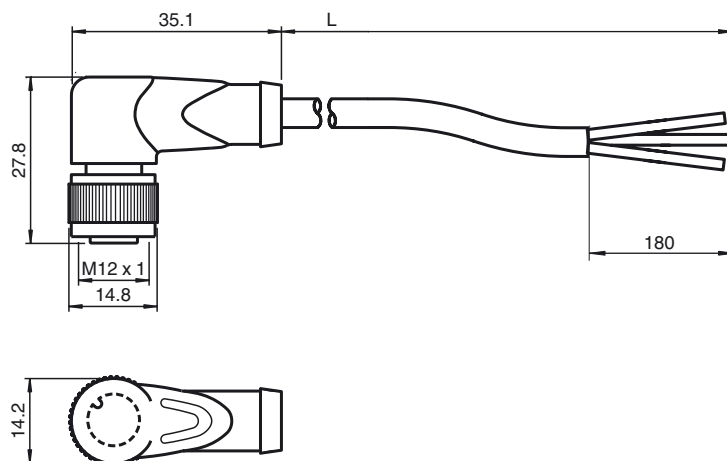
V11-W-BK6,7M-PUR-O1-Y290688

Single-ended female cordset, M12, 3-pin, PUR cable, outdoor

Features

- Resistant to microbes and hydrolysis
- Resistant to salt water
- Suitable for outdoor use (UV- and ozone resistant)
- Oil and abrasion resistant PUR line appropriate for drag chains
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Suitable for drag chains
- 180 mm stripped

Dimensions



Technical data

General specifications

Number of pins 3

Electrical specifications

Operating voltage U_B max. 250 V AC/DC
 Operating current I_B max. 4 A
 Contact resistance < 10 m Ω
 Lead resistance Max. 39 Ω /km

Ambient conditions

Ambient temperature Body: -50 ... 105 °C (-58 ... 221 °F)
 cable, fixed: -50 ... 105 °C (-58 ... 221 °F)
 cable, flexing: -30 ... 105 °C (-22 ... 221 °F)

Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket
 Pin diameter 1 mm
 Degree of protection IP67 / IP68 / IP69k

Material

Contacts CuSn / Au
 Contact surface Au
 Body TPU, black
 Cable PUR
 Slotted nut Diecast zinc
 Core insulation PP

Cable extra-fine wire, flexible
 Sheath diameter \varnothing 4.5 mm \pm 0.15 mm
 Bending radius > 10 x cable diameter, moving
 > 5 x cable diameter, fixed

Color black (similar to RAL 7021)

Number of cores 4
 Core cross-section 0.5 mm²
 Conductor construction 28 x 0.15 mm \varnothing
 1 x symmetrically twisted

Length L 6.7 m

Drag chain suitability

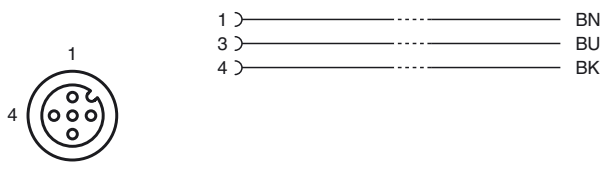
Drag chain cycles \geq 2000000
 Motion velocity \leq 3 m/s
 Traverse distance \leq 10 m
 Acceleration \leq 10 m/s²

Flammability

Contact carrier HB
 Housing V-2
 Cable cURus AWM 21924/11558 105°C 300V FT2

Compliance with standards and directives

Electrical connection



Standard conformity

Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002

Approvals and certificates

UL approval	cURus AWM 21924/11558 105°C 300V FT2
Maximum permissible operating voltage	≤ 30 V
Maximum permissible ambient temperature	≤ 80 °C (≤ 176 °F)