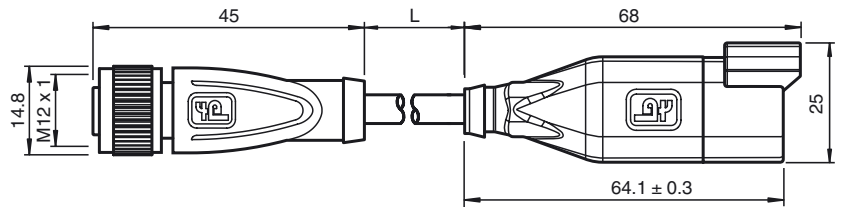




Dimensions



Model Number

V11-G-BK0,3M-PUR-O1-DT3P-G

Cordset, M12 to Deutsch socket, 3-pin PUR cable, outdoor

Features

- UL Recognized Component
- 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
- Halogen-free
- Suitable for drag chains

Technical data

General specifications

Number of pins 3

Electrical specifications

Operating voltage U_B max. 48 V AC / 60 V DC
 Operating current I_B max. 4 A

Ambient conditions

Ambient temperature Body: -40 ... 90 °C (-40 ... 194 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
 cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
 Pollution degree 3

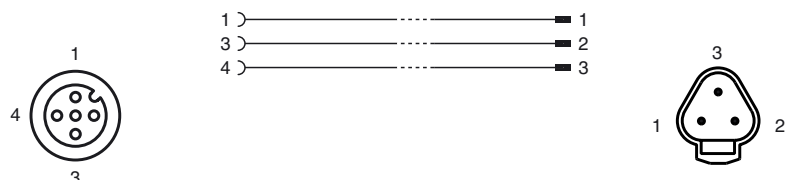
Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP67 / IP68 / IP69k
Cable code	LI9Y 3x0,50 mm ² 11Y
Material	
Contacts	Cu alloy
Contact surface	Ni/Au
Body	PA, black TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.5 mm ± 0.15 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black (Similar to RAL 9005)
Number of cores	3
Core cross-section	0.5 mm ²
Conductor construction	28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L 0.3 m
Drag chain suitability	
Drag chain cycles	≥ 2000000
Motion velocity	≤ 3 m/s
Traverse distance	≤ 10 m
Acceleration	≤ 10 m/s ²
Flammability	
Contact carrier	V-2
Housing	V-0
Cable	cURus AWM 21924/11558 105°C 300V FT2

Compliance with standards and directives

Standard conformity

Electrical connection



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Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002 IRM 902
Approvals and certificates	
UL approval	cURus AWM 21924/11558 105°C 300V FT2

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