

Model Number

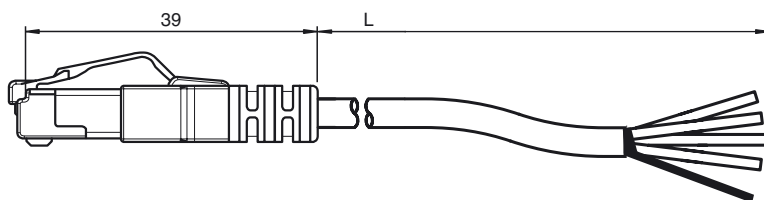
V45-G-C5-GN*M-PUR-E1S

Ethernet bus cable male cordset single-ended RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

Features

- Industrial Ethernet
- Conforms to PROFINET
- Suitable for drag chains
- Hard-wearing PUR cable
- CAT5/CAT5e cable
- Halogen-free
- Silicone-free
- Free from substances that impair paint wetting
- UL Recognized Component
- Cable length according to specification

Dimensions



Technical data

General specifications

Number of pins	4 + shield
Connection 1	Male connector
Construction type 1	straight
Threading 1	RJ45
Coding 1	PROFINET
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
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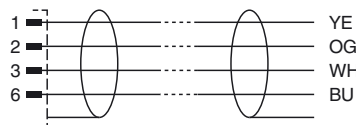
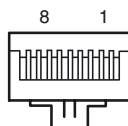
Ambient conditions

Ambient temperature	cable, fixed: -20 ... 70 °C (-4 ... 158 °F) cable, flexing: -20 ... 70 °C (-4 ... 158 °F)
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Mechanical specifications

Degree of protection	IP20
Connection	Ethernet: RJ-45 , Category 5e , up to 100 MHz
Material	
Body	PA, green
Cable	PUR
Core insulation	PP
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	6 mm
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, fixed
Color	green (RAL 6018)
Number of cores	4
Core cross-section	0.34 mm ² / 22 AWG
Cores color	Core 1: yellow Core 2: orange Core 3: white Core 6: blue
Conductor construction	7 x 0.254 mm Ø
Shield	aluminum-lined polyester foil Tinned copper braiding
Length	L see type code V*-[length]M-*
Drag chain suitability	
Drag chain cycles	max. 1000000
Motion velocity	≤ 3 m/s
Traverse distance	5 m horizontal
Acceleration	≤ 2 m/s ²
Flammability	
Contact carrier	V-0
Housing	V-0
Cable	FT2

Electrical connection





Compliance with standards and directives

Standard conformity

Degree of protection	EN 60529
Standards	CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001)
Flammability	IEC 60332-1-2 UL 2556 FT2
Specification	connector RJ45 : IEC 60603-7

Approvals and certificates

UL approval	AWM STYLE 20549 80 °C 300V AWM I A/B 80 °C 300V FT2 (cable)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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