

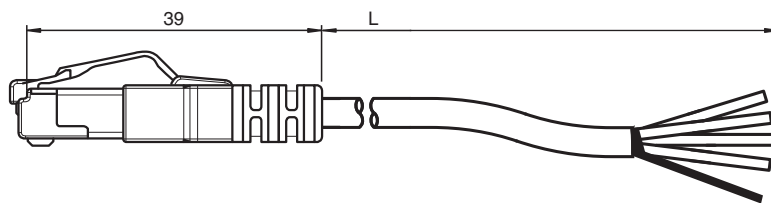
## Cable connector, Ethernet V45-G-C5-GN3M-PUR-E1S

- Hard-wearing PUR cable
- Suitable for drag chains and abrasion resistant
- Industrial Ethernet
- Conforms to PROFINET
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- cURus approval
- Halogen-free

Ethernet bus cable male cordset single-ended RJ45, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable



### Dimensions



### Technical Data

#### General specifications

Connector 1		
Connection		plug
Construction type		RJ45
Style		straight
Locking		Snap locking
Number of pins		8
Coding		PROFINET
Connector 2		
Connection		cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
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#### Conformity

Degree of protection		EN 60529
Plug connection		connector RJ45 : IEC 60603-7
Component category		CAT5 (IEC 11801) , CAT5e (IEC 61156-6)

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

Flammability		IEC 60332-1-2 / UL 2556
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 20549 80 °C 300V AWM I A/B 80 °C 300V FT2 (cable)
<b>Ambient conditions</b>		
Ambient temperature		
Cable, fixed		-20 ... 70 °C (-4 ... 158 °F)
Cable, flexing		-20 ... 70 °C (-4 ... 158 °F)
<b>Mechanical specifications</b>		
Plug connector		
Loosening protection		available
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP20
Cable		
Sheath diameter		6 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 60 N / 100 mm
Sheath color		green (similar to RAL 6018)
Number of cores		4
Core cross-section		0.34 mm <sup>2</sup> / 22 AWG
Cores color		Core 1: yellow Core 2: orange Core 3: white Core 6: blue
Core construction		7 x 0.254 mm Ø
Shield		aluminum-lined polyester foil Tinned copper braiding
Length	L	3 m
Drag chain suitability		
Drag chain cycles		max. 1000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 2 m/s <sup>2</sup>
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
Plug connector		
Body		PA, green
Flammability		V-0
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Flammability		FT2

## Connection Assignment

