



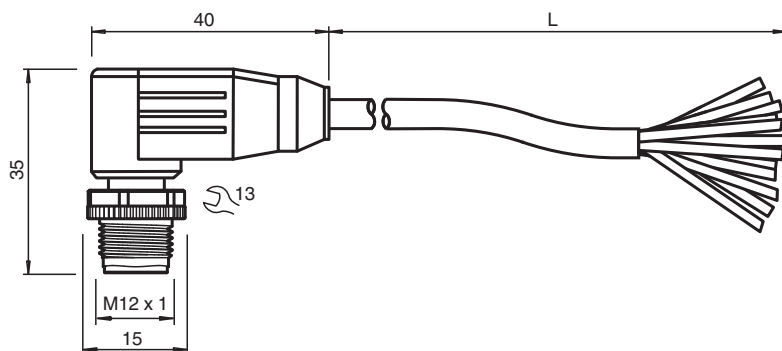
Cable connector, shielded V112S-W-BK5M-PUR-ABG

- Suitable for drag chains and abrasion resistant
- Degree of protection IP65 / IP67
- Resistant to microbes and hydrolysis
- Halogen-free
- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly

Male cordset single-ended M12 straight A-coded, 12-pin, PUR cable black, shielded, drag chain suitable



Dimensions



Technical Data

General specifications

Connector 1		
Connection		plug
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		12
Coding		A-coded
Connector 2		
Connection		cable end

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 1.5 A

Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		UL 1581; DIN EN 60332-2-2
Microbial resistance		EN 50396 / DIN VDE 0282-10
Hydrolysis resistance		EN 50396 / DIN VDE 0282-10
Oil resistance		DIN EN 60811-404

Release date: 2024-09-10 Date of issue: 2024-09-10 Filename: 70158680_eng.pdf

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

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Technical Data

Ambient conditions

Ambient temperature

Plug connector	-25 ... 85 °C (-13 ... 185 °F)
Cable, fixed	-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing	-25 ... 80 °C (-13 ... 176 °F)

Pollution degree	3
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Mechanical specifications

Plug connector

Tightening torque	0.6 Nm
Loosening protection	available
Tool installation	straight knurling and hexagon nut SW = 13 mm

Mating cycles	min. 100
Shielding	shield connected to screw connection

Degree of protection	IP65/IP67
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Cable	according to IEC/EN 60228 (DIN VDE 0295) class 6
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Sheath diameter	6.5 mm
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Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
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Sheath color	black (similar to RAL 9005)
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Number of cores	12
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Core cross section	0.14 mm ²
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Cores color	Core 1: brown Core 2: blue Core 3: white Core 4: green Core 5: pink Core 6: yellow Core 7: black Core 8: grey Core 9: red Core 10: violet Core 11: grey/pink Core 12: red/blue
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Core construction	18 x 0.1 mm Ø
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Shield	tinned copper braiding, 80 % coverage
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Length	L	5 m
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Cable code	LSPYwC11Y
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Drag chain suitability

Drag chain cycles	max. 5000000
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Motion velocity	max. 3.3 m/s
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Acceleration	max. 5 m/s ²
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Torsion cycles	max. 2000000
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Torsional stress	± 30 °/m
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Mass	295.6 g
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Material

Halogen-free	yes
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Plug connector

Screw connection	Zinc diecast, nickel-plated
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Body	PUR, black
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Seal	FKM
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Contact surface	gold plated (Au)
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Flammability	V-0
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Cable

Sheathing	PUR
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Core insulation	PP
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Chemical resistance	good
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Oil resistance	yes
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Technical Data

Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

Connection Assignment

