

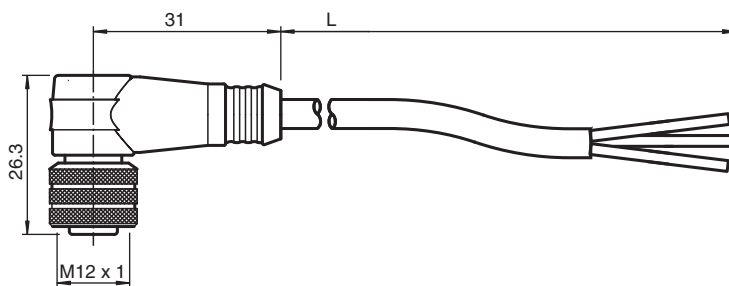
Female cordset V13-W-10M-PUR

- Operating voltage AC / DC
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 yellow angled C-coded 3-pin, PUR cable weld spatter resistant grey, drag chain suitable, for V13-initiators



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	angled
Locking	screw connection
Number of pins	3
Coding	C-coded
Connector 2	
Connection	cable end

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A

Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101

Release date: 2023-04-13 Date of issue: 2023-04-13 Filename: 041220_eng.pdf

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

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Technical Data

Flammability		IEC 60332-1-2
UV resistance		UL 1581
Microbial resistance		EN 50396
Hydrolysis resistance		EN 50396
Oil resistance		ISO 6722
Ambient conditions		
Ambient temperature		
Plug connector		-5 ... 90 °C (23 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		cross-hatched knurling
Mating cycles		min. 100
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		5.6 mm
Bending radius		> 7.5 x cable diameter, moving > 5 x cable diameter, fixed
Sheath color		grey (similar to RAL 7035)
Number of cores		3
Core cross section		0.5 mm ²
Cores color		Core 1: green/yellow Core 2: blue Core 3: brown
Core construction		28 x 0.15 mm Ø
Length	L	10 m
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3.3 m/s
Acceleration		max. 5 m/s ²
Torsional stress		± 180 °/m
Material		
PWIS free		yes
Halogen-free		yes
Plug connector		
Screw connection		brass, nickel-plated
Body		PUR, yellow
Contact surface		Au
Cable		
Sheathing		PUR
Core insulation		TPE
Weld spatter resistance		yes
UV resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT1

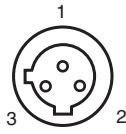
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Connection Assignment



- 1) ————— GN/YE
- 2) ————— BU
- 3) ————— BN

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