



Y connection cable

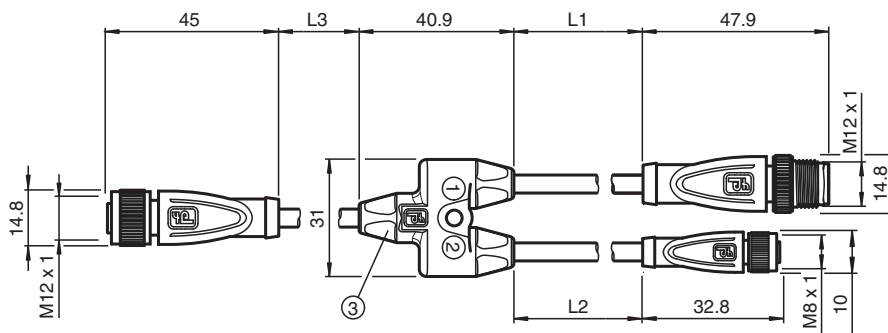
V19-G-0,2M-YOPC-0,2M-V1S/V31-G

- Halogen-free
- Simple connection between the standard trigger sensor and the OPC Optical Print Inspector.
- Fast, decentralized hardware trigger with an additional power supply connection
- Optimized for the OPC Optical Print Inspector with PROFIBUS
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Y connection cable M12 socket straight A-coded 8-pin to M12 plug / M8 socket straight A-coded 4-pin, 3x PUR cable grey, shielded



Dimensions



Technical Data

General specifications

Connector 1	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	4
Coding	A-coded
Connector 2	
Connection	socket
Construction type	M8
Style	straight
Locking	screw connection
Number of pins	4
Coding	A-coded
Connector 3	

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

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PEPPERL+FUCHS

Technical Data

Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		8
Coding		A-coded
Electrical specifications		
Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 3 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101 connector M8 x 1 : IEC 61076-2-104
Halogen-free		DIN VDE 0472-815 DIN EN 50267-2-1
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP67 / IP68 / IP69
Connector 2		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP67
Connector 3		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP67 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 100 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black

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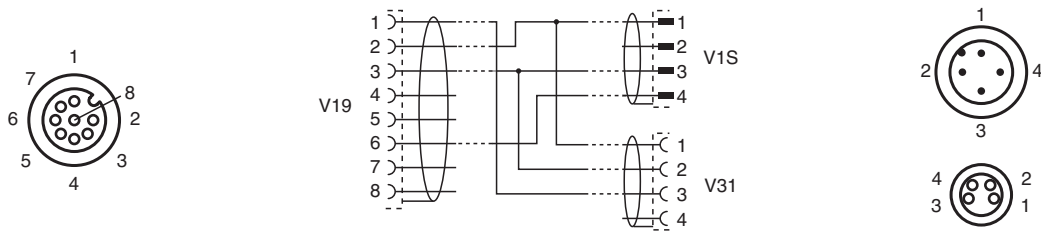
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 **PEPPERL+FUCHS**

Technical Data

Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	L1 = 200 mm L2 = 200 mm L3 = 200 mm
Cable code		Li 9Y 11YM 4 x 0.34
Material		
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good

Connection Assignment



Accessories

	MH Y+T-SPLITTER HOLDER	Modular universal holder for M12 T-splitter cordsets and M12 Y-splitter cordsets
	MH V1-SCREWDRIVER	torque screwdriver (0.6 Nm)
	MH V1-BIT M12	plug-in cap M12
	MH V3-SCREWDRIVER	torque screwdriver (0.4 Nm)
	MH V3-BIT M8	plug-in cap for M8
	MH V1-Holder	Modular universal holder for M12 connectors
	MH V3-Holder	Modular universal holder for M8 connectors
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors