



Female cordset

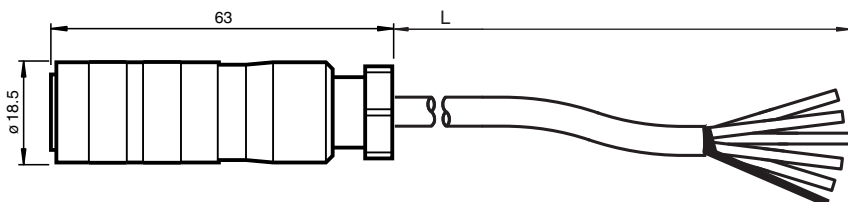
42306A-03M-05P-RVI50/78

- Degree of protection IP67
- Shield connected to connector

Female cordset single-ended M16 straight 6-pin, PVC cable 5-core, shielded



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M16
Style	straight
Locking	screw connection
Number of pins	6
Connector 2	
Connection	cable end

Electrical specifications

Operating voltage	U_B	250 V
Operating current	I_B	5 A

Conformity

Degree of protection	EN 60529
----------------------	----------

Ambient conditions

Ambient temperature	
Plug connector	-30 ... 95 °C (-22 ... 203 °F)

Release date: 2022-06-01 Date of issue: 2022-06-01 Filename: 099716_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

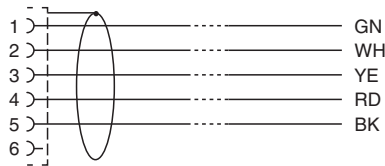
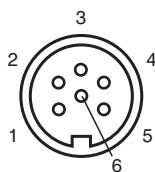
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Technical Data

Cable, fixed		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		1
Mechanical specifications		
Plug connector		
Tightening torque		0.8 Nm
Tool installation		cross-hatched knurling
Mating cycles		min. 500
Shielding		shield connected to connector
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		5.6 mm
Bending radius		≥ 35 mm
Sheath color		black (similar to RAL 9005)
Number of cores		5
Core cross section		0.38 mm ²
Cores color		Core 1: green Core 2: white Core 3: yellow Core 4: red Core 5: black
Shield		tinned copper braiding, 80 % coverage
Length	L	3 m
Cable code		Li Y 5 x 0,38
Material		
Plug connector		
Body		CuZn, nickel-plated
Contact surface		Ag
Cable		
Sheathing		PVC
Core insulation		PVC

Connection Assignment



Release date: 2022-06-01 Date of issue: 2022-06-01 Filename: 099716_eng.pdf

Type Code

4 2 3 0 6 A - [] M - 0 5 P - R V I 5 0 / 7 8

- Cable length L
- 02 2 m ± 0.1 m
 - 03 3 m ± 0.1 m
 - 05 5 m ± 0.2 m
 - 10 10 m ± 0.4 m
 - 15 15 m ± 0.5 m

Release date: 2022-06-01 Date of issue: 2022-06-01 Filename: 099716_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com