

## Female cordset

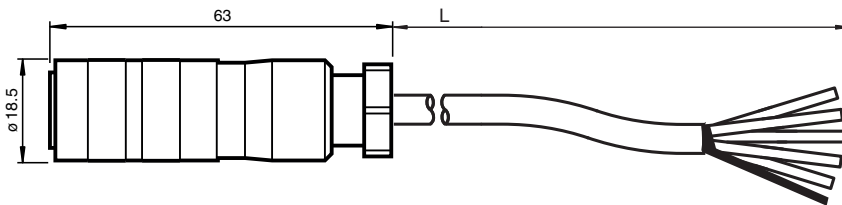
42306A-05M-05P-RVI50/78

- 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
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#### Ambient conditions

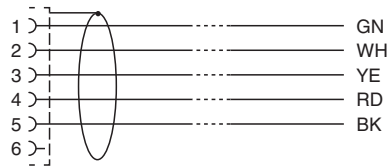
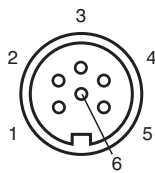
Ambient temperature		
Plug connector		-30 ... 95 °C (-22 ... 203 °F)

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## Technical Data

Cable, fixed	-25 ... 80 °C (-13 ... 176 °F)	
Cable, flexing	-5 ... 80 °C (23 ... 176 °F)	
Pollution degree	1	
<b>Mechanical specifications</b>		
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 <sup>2</sup>	
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	5 m
Cable code	Li Y 5 x 0,38	
<b>Material</b>		
Plug connector		
Body	CuZn, nickel-plated	
Contact surface	Ag	
Cable		
Sheathing	PVC	
Core insulation	PVC	

## Connection Assignment



**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

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