


22260609	<b>DATA SHEET</b>	
Valid from: 17.09.2018	<b>AB-C10-5,0PUR-M16FA</b>	

## Description

- Sensor / actuator trunk cable
- Appropriate for sensor/actuator distribution box, for up to 6 slots, slot connector M8 jack
- M16 plug connection on free conductor end



## General characteristics

Connection method	M16 plug connection
Number of pins	10
Ambient temperature	-25 to +90 °C (-13°F to 194°F) (connector) -40 to +90 °C (-40°F to 194°F) (cable fixed installation) -5 to +80 °C (23°F to 176°F) (cable flexible)
Degree of protection	IP 67

## Variation

Material	Description	Length	Configuration
22260609	AB-C10-5,0PUR-M16FA	5 m	angled
22260610	AB-C10-10,0PUR-M16FA	10 m	angled

## Electrical properties

Rated voltage	125 VAC 150 VDC
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## Mechanical properties


### Jack

Housing	PUR
Contact	Cu-alloy
Contact surface	Gold-plated
Contact carrier	TPU
Bush	Cu-alloy
Bush surface	Nickel-plated
Seal	NBR

### Line

Cable construction	6xAWG22/42 (dataline) 2xAWG18/96 (power supply)
External diameter	8.2 mm
Bending radius	100 mm
Number of bending cycle	1500000
Traveling distance	2 m
Travel speed	2 m/s
Outer coating, material	PUR/PVC black

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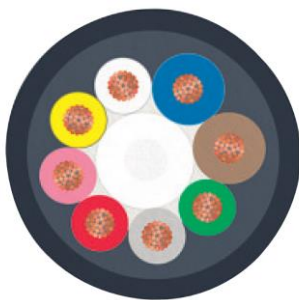
### Connector pin assignment

Slot / pol = pin = colour of conductor

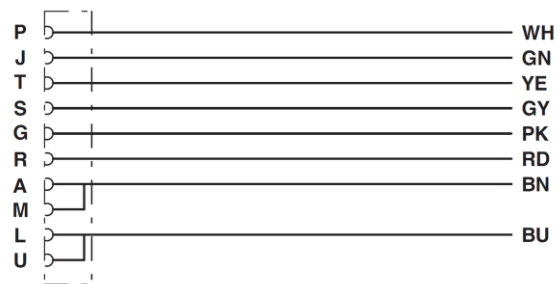
- 1 / 4 (A) = P = WH
- 2 / 4 (A) = J = GN
- 3 / 4 (A) = T = YE
- 4 / 4 (A) = S = GY
- 5 / 4 (A) = G = PK
- 6 / 4 (A) = R = RD
- 1-6 / 1 (+ 120 V) = A+M = BN
- 1-6 / 3 (0 V) = L+U = BU

### Technical drawing

Wire cross section



Circuit diagram



Pin assignment M16 jack

### Application range

Automation, industrial machinery and plant engineering

### Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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