Valid from: 02.12.2020

AB-C12-5,0PUR-M16FA



Description

- Sensor / actuator trunk cable •
- Appropriate for sensor/actuator distribution box, for up to 8 slots
- M16 plug connection on free conductor end •

General characteristics



Connection method M16 plug connection Number of pins 12 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) IP 67

Degree of protection

Variation

PD 0019/05_04.18EN

Material	Description	Length	Configuration
22260611	AB-C12-5,0PUR-M16FA	5 m	angled
22260612	AB-C12-10,0PUR-M16FA	10 m	angled

Electrical properties

Rated voltage	48 V AC
	75 V DC

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	8xAWG22/42 (dataline)
	2xAWG18/96 (power supply)
External diameter	8.7 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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DATA SHEET





Connector pin assignment

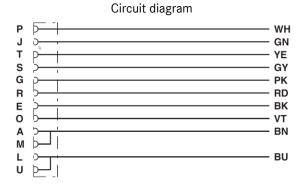
Slot/ pol = pin = colour of conductor

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
7 / 4 (A) = E = BK
8 / 4 (A) = O = VT
1-8 / 3 (0 V) = L+U = BU

Technical drawing

Wire cross section





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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