#### 22260558

# **DATA SHEET**

Valid from: 18.11.2019

AB-C3-M12MS-0,3PUR-B-1L-S



# Description

• Sensor/actuator cable, PUR halogen-free

• Connector straight M12, A-coded, 3-pol

• Connected with Z-diode



## **General characteristics**

Connector M12-plug, A-coded

Number of pins 3

Ambient temperature (Operation) -25 to +90 °C (-13°F to 194°F) (connector)

-20 to +85 °C (-4°F to 185°F) (valve plug)

-40 to +80 °C (-40°F to 176°F) (cable, fixed installation)

-20 to +80 °C (-4°F to 176°F) (cable, flexible)

IP 65 / IP 67

#### **Product variations**

Degree of protection

Article number	Description	Length [m]
22260558	AB-C3-M12MS-0.3PUR-B-1L-S	0.3
22260559	AB-C3-M12MS-0.6PUR-B-1L-S	0.6
22260560	AB-C3-M12MS-1.0PUR-B-1L-S	1.0
22260561	AB-C3-M12MS-2.0PUR-B-1L-S	2.0
22261081	AB-C3-M12MS-5.0PUR-B-1L-S	5.0

#### **Additional note**

This datasheet is also valid for other length configurations. Other lengths upon request.

## **Electrical properties**

Rated voltage	24 V
Rated current	4 A
Overvoltage category	III
Pollution degree	3

## Mechanical properties

## Plug

Inflammability class according to UL 94 ΗВ CuSn Contact Contact surface Ni / Au TPU GF Contact carrier TPU Handle body Contact valve plug CuSn Contact surface valve plug Sn Contact insert valve plug PA 66 Housing valve plug **TPU** 

Knurl Zinc diecasting, nickel-plated

Seal TPU (seal injected)

Creator: ERTC1/PDP	Document: DB22260558EN	Page 1 of 2
Released: IVSE1/PDP	Version: 06	

# 22260558

# **DATA SHEET**

Valid from: 18.11.2019

## AB-C3-M12MS-0,3PUR-B-1L-S



#### Line

Cable construction

Conductor diameter including isolation

Cable outer diameter

Core identification

Sheath colour

Bending radius

Number of bending cycles

Traveling distance Travel speed

Acceleration
Outer coating, material

Wire insulation, material

Flame resistance

Halogen-free

3x AWG20/28

1.5 mm ± 0.05 mm (signal line)

 $4.5 \text{ mm} \pm 0.2 \text{ mm}$ 

Black 1, black 2, green / yellow

Black grey RAL 7021

50 mm 15000000

0.9 m 5 m/s $30 \text{ m/s}^2$ 

PUR PP

Acc. DIN VDE 0482

Acc. DIN EN 50265-2-1

Acc. DIN VDE 0472 part 815

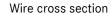
# Standards / Approvals

Product standard, M12 connector

Valve connectors

IEC 61076-2-101 EN 175301-803

## **Technical drawing**





# **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.