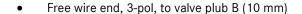
22260585 DATA SHEET Valid from: AR C3 2 ORUB R 41 S

----- & LAPP

Description

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• Sensor/actuator cable, PUR halogen-free





General characteristics

Number of pins 3

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

AB-C3-2,0PUR-B-1L-S

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

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

Degree of protection IP 65 / IP 67
Central screw valve plug M3 x 29

Variation

Article	Description	Length [m]
22260585	AB-C3-2,0PUR-B-1L-S	2,0
22260578	AB-C3-5,0PUR-B-1L-S	5,0
22260579	AB-C3-10,0PUR-B-1L-S	10,0
22260659	AB-C3-3,0PUR-B-1L-S	3,0

Additional note

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

Electrical properties

Rated voltage	230 V
Rated current at 40 °C	6 A
Overvoltage category	Ш
Pollution degree	3

Mechanical properties

Plug

Inflammability class according to UL 94 V0
Contact valve plug CuSn
Contact surface valve plug Sn
Contact insert valve plug PA 66
Housing valve plug TPU

Seal TPU (seal injected)

Tightening torque 0.6 Nm (valve plug connector)

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AB-C3-2,0PUR-B-1L-S



Line

Cable construction

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Conductor diameter including isolation

Cable outer diameter

Core identification

Sheath colour

Bending radius

Number of bending cycle

Traveling distance

Travel speed

Acceleration

Outer coating, material

Wire insulation, material

Flame resistance

Halogen-free

3x AWG18/24

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 m/s^2

PUR

PP

Acc. DIN VDE 0482

Acc. DIN EN 50265-2-1

Acc. DIN VDE 0472 Teil 815

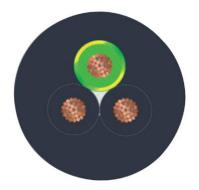
Standards / Approvals

Valve connectors

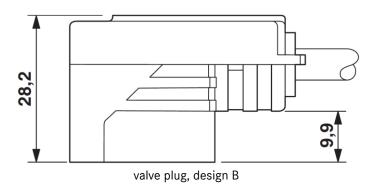
EN 175301-803

Technical drawing

Wire cross section



Dimensional drawing

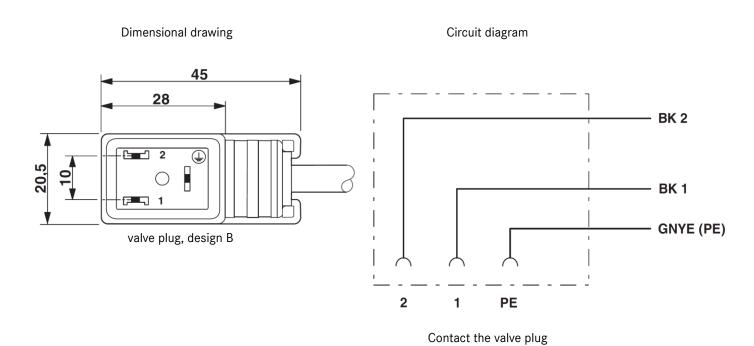


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Application range

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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