

UNITRONIC® BUS PB M12

PROFIBUS cable: M12 plug/socket on free conductor end

Robust, pre-assembled PROFIBUS M12 (B-coded) cable with PUR (halogen-free) outer sheath for flexible use (drag chain). Shielded version.

Info

Other types are available at
www.lappgroup.com/assemblyfinder
or on request



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Power chain

Benefits

Cost efficient and rational wiring for PROFIBUS installations
Space-saving due to compact dimensions.
Fast and easy error tracking

Application range

Mechanical and plant engineering

Product features

2-core PROFIBUS cable, shielded
Connector M12, B-coded with quick locking system
Suitable for drag chains
Including tag carrier

Last Update (13.10.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Norm references / Approvals

UL-AWM-Style 21198 (80 °C / 300 V)

Product Make-up

Core cross section: 0.25 mm²

Core colours: red, green

Outer sheath: PUR halogen-free, violett

Outer diameter: 7.8 mm

Shielded version

Shielding is conducted over the knurl

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC001855

ETIM 5.0 Class-Description: Sensor-actuator patch cord

Classification ETIM 6:

ETIM 6.0 Class-ID: EC001855

ETIM 6.0 Class-Description: Sensor-actuator patch cord

Material:

Contact: CuSn

Contact surface: Ni/Au

Knurl: Zinc die-cast, nickel-plated

Gripping body: TPU, flame-retardant, self-extinguishing

Protection rating:

IP65/IP67

Ambient temperature (operation):

Plug/socket -25 °C to +90 °C

Fixed installation -40 °C to +80 °C

Flexing -30 °C to +80 °C

Drag chain application ≤ 70 °C

Coding:

B - inverse

Rated current (A):

4 A

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number | Article designation | Length (m) | Number of pins | Design | Rated voltage (V) | PU |
|----------------|---------------------|------------|----------------|----------|-------------------|----|
| Plug | | | | | | |
| 22260767 | AB-PB-M12MS-2,0PUR | 2 | 2 | straight | 250 | 1 |
| 22260768 | AB-PB-M12MS-5,0PUR | 5 | 2 | straight | 250 | 1 |
| 22260769 | AB-PB-M12MS-10,0PUR | 10 | 2 | straight | 250 | 1 |
| 22260956 | AB-PB-M12MA-2,0PUR | 2 | 2 | angled | 250 | 1 |
| Socket | | | | | | |
| 22260770 | AB-PB-2.0PUR-M12FS | 2 | 2 | straight | 250 | 1 |
| 22260771 | AB-PB-5.0PUR-M12FS | 5 | 2 | straight | 250 | 1 |
| 22260772 | AB-PB-10.0PUR-M12FS | 10 | 2 | straight | 250 | 1 |

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