

## 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](http://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 (22.02.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## UNITRONIC® BUS PB M12

### Norm references / Approvals

UL-AWM-Style 21198 (80 °C / 300 V)

### Product Make-up

Core cross section: 0.25 mm<sup>2</sup>

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.

**UNITRONIC® BUS PB M12**

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