

## UNITRONIC® BUS CAN M12

DeviceNet/CANopen Cable: M12 plug/socket on free conductor end

Robust, pre-assembled DeviceNet M12 (A-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



DeviceNet CANopen



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Power chain

### Benefits

Cost-effective, efficient wiring of fieldbus and sensor/ actuator installations  
Space-saving due to compact dimensions.  
Fast and easy error tracking  
Robust design

### Application range

Mechanical and plant engineering

### Product features

5-core DeviceNet/CANopen cable, shielded  
M12 connector, A-coded with quick-locking system

Last Update (09.03.2022)

©2022 Lapp Group - Technical changes reserved

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 CAN M12

Suitable for drag chains  
Including tag carrier

### Norm references / Approvals

UL-AWM-Style 21198 (80 °C / 300 V)

### Product Make-up

Signal line: 2 x 0.25 mm<sup>2</sup>  
Power supply: 2 x 0.34 mm<sup>2</sup>  
Drain wire: 1 x 0.34 mm<sup>2</sup>  
Core colours: red/black, blue/white  
Outer sheath: PUR halogen-free, violett  
Outer diameter: 6.7 mm  
Shielded version

### Technical Data

|                                  |   |
|----------------------------------|---|
| Classification ETIM 5:           | ETIM 5.0 Class-ID: EC001855<br>ETIM 5.0 Class-Description: Sensor-actuator patch cord   |
| Classification ETIM 6:           | ETIM 6.0 Class-ID: EC001855<br>ETIM 6.0 Class-Description: Sensor-actuator patch cord   |
| Material:                        | Contact: CuSn<br>Contact surface: Ni/Au<br>Knurl: Zinc die-cast, nickel-plated<br>Gripping body: TPU, flame-retardant, self-extinguishing |
| Protection rating:               | IP65/IP67   |
| Ambient temperature (operation): | Plug/socket -25 °C to +90 °C<br>Fixed installation -40 °C to +80 °C<br>Flexing -20 °C to +70 °C   |
| Coding:                          | A-standard  |
| 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 CAN M12**

| Article number | Article designation | Length (m) | Number of pins | Design   | Rated voltage (V) | PU |
|----------------|---------------------|------------|----------------|----------|-------------------|----|
| Plug           |                     |            |                |          |                   |    |
| 22260789       | AB-DN-M12MS-2,0PUR  | 2          | 5              | straight | 60                | 1  |
| 22260790       | AB-DN-M12MS-5,0PUR  | 5          | 5              | straight | 60                | 1  |
| 22260791       | AB-DN-M12MS-10,0PUR | 10         | 5              | straight | 60                | 1  |
| 22262004       | AB-DN-M12MA-2,0PUR  | 2          | 5              | angled   | 60                | 1  |
| Socket         |                     |            |                |          |                   |    |
| 22260792       | AB-DN-2.0PUR-M12FS  | 2          | 5              | straight | 60                | 1  |
| 22260793       | AB-DN-5.0PUR-M12FS  | 5          | 5              | straight | 60                | 1  |
| 22260794       | AB-DN-10.0PUR-M12FS | 10         | 5              | straight | 60                | 1  |

Last Update (09.03.2022)

©2022 Lapp Group - Technical changes reserved

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