

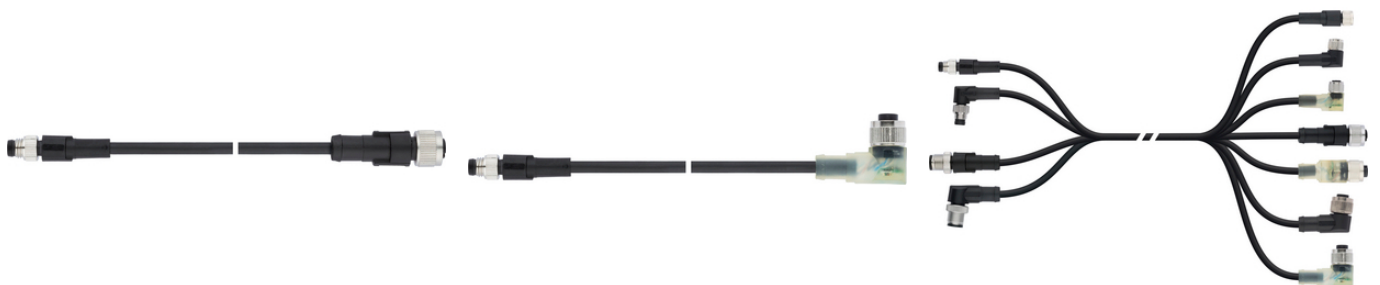
## UNITRONIC® SENSOR M8-M12

M8 plug on M12 socket

Sensor/actuator cordset, M8 on M12, PUR halogenfree, 3-pin, plug/socket, LED, A-coded, IP65/IP67/IP68, suitable for drag chains

### 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



Space requirement



Power chain



UV-resistant



Waterproof

### Benefits

Cost-efficient due to quick and easy installation

Space-saving due to compact dimensions.

Fast and easy error tracking

Gold-plated contacts for low transfer resistance

Last Update (23.04.2024)

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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® SENSOR M8-M12

### Application range

For increased mechanical stress and harsh operating conditions

### Product features

UV-resistant  
Good resistance to oils and chemicals  
PWIS and PVC free  
Suitable for drag chains  
Including tag carrier

### Norm references / Approvals

Halogenfree according to DIN VDE 0472  
UL File Number: E249137  
Flame-retardant according to UL 1581 FT-2

### Product Make-up

Core cross section: 0.25 mm<sup>2</sup>  
Colour-code:  
3-pin: bn (1), bu (3), bk (4)  
Outer sheath: PUR, black

### 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
Minimum bending radius:	Fixed installation: 5 x outer diameter Flexing: 10 x outer diameter
Protection rating:	IP65/IP67/IP68
Ambient temperature (operation):	Plug/socket -25 °C to +90 °C Fixed installation -40 °C to +80 °C Flexing -25 °C to +80 °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.

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.

UL certifications can be found in the data sheet.

**UNITRONIC® SENSOR M8-M12**

Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)	PU
3-pin							
22260241	AB-C3-M8MS-0,3PU R-M12FS	3	0.3	straight-straight	no	60	1
22260242	AB-C3-M8MS-0,6PU R-M12FS	3	0.6	straight-straight	no	60	1
22260243	AB-C3-M8MS-1,0PU R-M12FS	3	1	straight-straight	no	60	1
22260244	AB-C3-M8MS-2,0PU R-M12FS	3	2	straight-straight	no	60	1
22260245	AB-C3-M8MS-0,3PU R-M12FA	3	0.3	straight-angled	no	60	1
22260246	AB-C3-M8MS-0,6PU R-M12FA	3	0.6	straight-angled	no	60	1
22260247	AB-C3-M8MS-1,0PU R-M12FA	3	1	straight-angled	no	60	1
22260248	AB-C3-M8MS-2,0PU R-M12FA	3	2	straight-angled	no	60	1
22260271	AB-C3-M8MS-0,3PU R-M12FA-2L	3	0.3	straight-angled	2 LEDs	24	1
22260272	AB-C3-M8MS-0,6PU R-M12FA-2L	3	0.6	straight-angled	2 LEDs	24	1
22260273	AB-C3-M8MS-1,0PU R-M12FA-2L	3	1	straight-angled	2 LEDs	24	1
22260274	AB-C3-M8MS-2,0PU R-M12FA-2L	3	2	straight-angled	2 LEDs	24	1

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