

## UNITRONIC® SENSOR HD M12

S/A cable: Hygienic Design for Food&Beverage

4-pos. Sensor/actuator cable in Hygienic Design for food&beverage with M12 thread and stainless steel (V4A), high protection class IP65/IP67/IP68/IP69

### Info

IP69 for high-pressure cleaning

- 40 °C to + 105 °C



Food & Beverage



Mechanical and plant engineering



Halogen-free



Cold-resistant



Corrosion-resistant



Power chain



Temperature-resistant



Waterproof

### Benefits

Hygienic Design for ideal cleaning results

Guaranteed density by meeting the highest protection class

Last Update (30.12.2023)

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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 HD M12

Stainless steel knurl to ensure protection against corrosion  
Bright colors to detect contamination quickly

### Application range

Food production and packaging machinery  
Freezing plants, cold storage  
washdown area with frequent contact  
with cleaning agents

### Product features

Suitable for drag chains  
4-pin plug/socket M12 on free conductor end

### Norm references / Approvals

ECOLAB®  
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry  
FDA 21 CFR 177.2600  
Special sealing element for food and beverage industry in North America

### Product Make-up

wire cross-section: 0,34 mm<sup>2</sup>  
Colour-code:  
4-pin: bn (1), wh (2), bu (3), bk (4)  
Outer sheath: TPE halogen-free,  
grey (similar to RAL 7035)

### 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: Stainless steel (V4A) Gripping body: PP
Minimum bending radius:	Fixed installation: 5 x outer diameter Flexing: 10 x outer diameter
Protection rating:	IP65/IP67/IP68/IP69
Ambient temperature (operation):	Fixed installation -40 °C to +105 °C Flexing -25 °C to +105 °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.

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Article number	Article designation	Number of pins	Length (m)	Design	Rated voltage (V)	PU
Plug						
22262040	AB-C4-M12MS-2,0TPE-HD	4	2	straight	250	1
22262041	AB-C4-M12MS-5,0TPE-HD	4	5	straight	250	1
22262060	AB-C4-M12MS-7,5TPE-HD	4	7.5	straight	250	1
22262042	AB-C4-M12MS-10,0TPE-HD	4	10	straight	250	1
22262061	AB-C4-M12MS-15,0TPE-HD	4	15	straight	250	1
Socket						
22262043	AB-C4-2,0TPE-M12FS-HD	4	2	straight	250	1
22262044	AB-C4-5,0TPE-M12FS-HD	4	5	straight	250	1
22262062	AB-C4-7,5TPE-M12FS-HD	4	7.5	straight	250	1
22262045	AB-C4-10,0TPE-M12FS-HD	4	10	straight	250	1
22262063	AB-C4-15,0TPE-M12FS-HD	4	15	straight	250	1
22262046	AB-C4-2,0TPE-M12FA-HD	4	2	angled	250	1
22262047	AB-C4-5,0TPE-M12FA-HD	4	5	angled	250	1
22262064	AB-C4-7,5TPE-M12FA-HD	4	7.5	angled	250	1
22262048	AB-C4-10,0TPE-M12FA-HD	4	10	angled	250	1
22262065	AB-C4-15,0TPE-M12FA-HD	4	15	angled	250	1