

EPIC® SENSOR M12A Solder termination

Field mountable connectors M12

Off into the field: be it in the F&B, mechanical engineering or intralogistics areas, the M12A data connector is an expert in the field of signal transmission at sensor-actuator level. With this plastic connector, cable assembly takes place by means of soldering, and is therefore resistant to shocks and vibrations.



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Waterproof

Benefits

High stability thanks to impact-resistant polyamide.

Solder termination is easy to implement, and creates a plug connection that is resistant to shock and vibrations.

When connected, protection class IP 67 can be achieved.

Available in different designs.

Application range

Typical application areas are sensors and actuators at field level.

Good oil and chemical resistance.

Can be used universally at machine interfaces for many applications in data and signal transmission in the low-frequency range.

Product features

4, 5 and 8-pin version

Screened and non-screened version

Screw connection or insulation displacement contacts (IDC)

PWIS-free

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC002062

ETIM 5.0 Class-Description: Sensor-actuator connector

Last Update (01.04.2025)

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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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| | |
|----------------------------------|--|
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC002062 ETIM 6.0 Class-Description: Sensor-actuator connector |
| Protection rating: | IP 67 |
| Ambient temperature (operation): | -25°C to +85°C |
| Contact material: | brass gold plated CuZn / Au |
| Contact surface material: | Au (gold) |
| Coding: | A-standard |

Note

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 | Design | Number of pins | Max. conductor cross-section, flexible, in mm ² |
|----------------|--------|----------------|--|
| 381166329 | Socket | 12 | 0.5 |
| 381166322 | plug | 12 | 0.5 |

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