# EPIC® SENSOR M12

Field mountable connectors M12

Field mountable M12 connectors with screw connection or fast-connect versions for connection of sensors and actuators with individual cable lengths



Supplementary automation components from Lapp

Mechanical and plant engineering

Assembly time

Waterproof

## Benefits

For creating of individual cable lengths
No special tools required for connecting the cables
Time-saving assembly with IDC connection technology
Easy connection with proven screw clamp connection

## 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<br>ETIM 5.0 Class-Description: Sensor-actuator connector |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC002062<br>ETIM 6.0 Class-Description: Sensor-actuator connector |
| Material: | Contact: CuZn<br>Contact surface: CuSnZn |
| Protection rating: | IP 65/IP 67 (IDC)<br>IP 67 (screw) |

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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| | |
|---|---|
| Ambient temperature (operation): | Plug/socket<br>-25 °C to +80 °C (IDC)<br>-40 °C to +85 °C (screw) |
| Coding: | A-standard |
| Rated current (A): | 4 A<br>2 A (8-pin) |

**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 | Article designation | Number of pins | Connection type | Cross-section in mm² | Cable diameter in mm | Rated voltage (V) | PU |
|---|---|---|---|---|---|---|---|
| Plug, straight | | | | | | | |
| 22260132 | AB-C4-M12MS-F0,34 | 4 | IDC | 0.14 - 0.34 | 3.5 - 6 | 125 | 1 |
| 22260134 | AB-C4-M12MS-F0,75 | 4 | IDC | 0.34 - 0.75 | 4 - 8 | 250 | 1 |
| 22260649 | AB-C4-M12MS-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260995 | AB-C4-M12MS-PG9 | 4 | screw | 0.25 - 0.75 | 6 - 8 | 250 | 1 |
| 22260129 | AB-C5-M12MS-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260651 | AB-C5-M12MS-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260996 | AB-C5-M12MS-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Plug, straight shielded | | | | | | | |
| 22260135 | AB-C5-M12MS-PG9-SH | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260825 | AB-C8-M12MS-PG9-SH | 8 | screw | 0.25 - 0.75 | 6 - 8 | 30 | 1 |
| Plug, angled | | | | | | | |
| 22260647 | AB-C4-M12MA-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260130 | AB-C5-M12MA-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260648 | AB-C5-M12MA-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22262023 | AB-C5-M12MA-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Plug angled, shielded | | | | | | | |
| 22262108 | AB-C5-M12MA-PG7-SH | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| Socket, straight | | | | | | | |
| 22260131 | AB-C4-M12FS-F0,34 | 4 | IDC | 0.14 - 0.34 | 3.5 - 6 | 125 | 1 |
| 22260133 | AB-C4-M12FS-F0,75 | 4 | IDC | 0.34 - 0.75 | 4 - 8 | 250 | 1 |
| 22260640 | AB-C4-M12FS-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260641 | AB-C4-M12FS-PG9 | 4 | screw | 0.25 - 0.75 | 6 - 8 | 250 | 1 |
| 22260127 | AB-C5-M12FS-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260644 | AB-C5-M12FS-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260997 | AB-C5-M12FS-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Socket, straight shielded | | | | | | | |
| 22260136 | AB-C5-M12FS-PG9-SH | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260826 | AB-C8-M12FS-PG9-SH | 8 | screw | 0.25 - 0.75 | 6 - 8 | 30 | 1 |

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PRODUCT INFORMATION

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|---|---|---|---|---|---|---|---|
| Socket, angled | | | | | | | |
| 22260636 | AB-C4-M12FA-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260128 | AB-C5-M12FA-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260638 | AB-C5-M12FA-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22262024 | AB-C5-M12FA-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Socket angled, shielded | | | | | | | |
| 22262109 | AB-C5-M12FA-PG7-SH | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |

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