

**AB-C4-M12FS-PG7-VA**

**Article No.:** 22262050

Data connectors; Sensor/Actuator; M 12 (A-coded); Socket; Straight (180 °)



**Details**

**Notes**

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

**Remarks**

**Technical Data**

**General information**

|                                   |                     |
|-----------------------------------|---------------------|
| Brand                             | EPIC®               |
| Product type                      | Data connectors     |
| Scope of delivery                 | without cable gland |
| Delivery Unit                     | 1                   |
| valid Fieldbus or Ethernet System | Sensor/Actuator     |

**Electrical parameters**

|                      |                           |
|----------------------|---------------------------|
| Rated voltage        | 250 V DC according to IEC |
| Rated current        | 4 A according to IEC      |
| Overvoltage category | II                        |

**Product design**

|   |                      |
|---|----------------------|
| Shielded  | No                   |
| Number of contacts  | 4                    |
| Status display  | No                   |
| Diameter connector  | 0.787 in             |
| Total length  | 2.126 in             |
| Thread type   | Metric               |
| Thread size   | M 12                 |
| Connector housing design  | Straight             |
| Coded   | Yes                  |
| With thread   | Yes                  |
| Format of connector   | M 12                 |
| Connector type  | Socket               |
| Type of coding  | A-coded              |
| Connector housing angle   | 180 °                |
| For min. cable outer diameter   | 0.157 in             |
| For max. cable outer diameter   | 0.236 in             |
| Reusable  | Yes                  |
| Assembly type   | Field Configurable   |
| Connection type conductor   | Screw connection     |
| Connectable conductor cross section stranded min. (AWG)                     | 24 AWG               |
| Max. connectable fine-wire conductor cross-section (AWG)                    | 18 AWG               |
| Connectable conductor cross section finely stranded min. (mm <sup>2</sup> ) | 0.25 mm <sup>2</sup> |
| Connectable conductor cross section finely stranded max. (mm <sup>2</sup> ) | 0.75 mm <sup>2</sup> |

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|  |                      |
|--|----------------------|
| Connectable conductor cross section (mm <sup>2</sup> ) | 0.75 mm <sup>2</sup> |
| Material contact                                       | Brass                |
| Contact material, short form                           | CuZn                 |
| Contact coating material                               | Gold-plated          |
| Contact coating material, short form                   | Au                   |
| Plug material short form                               | PA                   |

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**Product features**

|                                 |        |
|---------------------------------|--------|
| Min. number of insertion cycles | 100    |
| IP protection rating            | IP 67  |
| Pollution degree                | 3      |
| Operating temperature max.      | -25 °C |
| Operation temperature max.      | 85 °C  |
| UV-resistant                    | No     |
| Vibration protection            | Yes    |

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**Certifications and standards**

|                          |                      |
|--------------------------|----------------------|
| CE marking               | No                   |
| EAC certified            | Not required         |
| EAC certification number | Отказное письмо № 39 |
| UL recognized            | No                   |
| UL listed                | No                   |
| cUR recognized           | No                   |
| cUL listed               | No                   |
| CSA certified            | No                   |

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**EPIC® SENSOR M12 V4A**

| Article No. | Name                        | Connector type | Connector housing design | Scope of delivery     | Number of contacts |
|-------------|-----------------------------|----------------|--------------------------|-----------------------|--------------------|
| 22262049    | AB-C4-M12MS-PG7-VA          | Plug           | Straight                 | without cable gland   | 4                  |
| 22262050    | AB-C4-M12FS-PG7-VA          | Socket         | Straight                 | without cable gland   | 4                  |
| 22262051    | AB-C4-M12FA-PG7-VA          | Socket         | Angled                   | without cable gland   | 4                  |
| 22262123    | AB-C4-M12MS-PG7-VA-SKINTOP® | Plug           | Straight                 | including cable gland | 4                  |
| 22262124    | AB-C4-M12FS-PG7-VA-SKINTOP® | Socket         | Straight                 | including cable gland | 4                  |

V1.1