

AB-C4-M8MS-M-0,34-SH**Article No.:** 22262027

Data connectors; Sensor/Actuator; M 8 (A-coded); Plug; Straight (180 °) ; Number of contacts: 4; For cross-section (min./max.): 26AWG - 20AWG; Shielded: Yes

**Details****Benefits**

- Available in plastic or metal variants.
- Plug connections with metal housings have an electrically conductive coating. They offer optimum protection against electromagnetic interference (EMC) and dissipate interference signals with low impedance.
- Easy cable connection thanks to service-friendly screw connection or insulation displacement technology. Assembly can be carried out without special tools.
- The angled shape of the connector is suitable for a space-saving cable outlet.
- When connected, protection class IP 67 can be achieved on the M8 side.

Application

- Can be used universally on machine interfaces for many applications in data and signal transmission.
- Typical application areas are sensors and actuators at field level.
- Good oil and chemical resistance.

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
Delivery Unit	1
valid Fieldbus or Ethernet System	Sensor/Actuator

Electrical parameters

Overvoltage category	II
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Product design

Shielded	Yes
Number of contacts	4
Locking mechanism	Screw Thread
Status display	No
Diameter connector	0.551 in
Total length	2.165 in
Thread type	Metric
Thread size	M 8
Connector housing design	Straight
Coded	Yes
With thread	Yes
Format of connector	M 8
Connector type	Plug
Type of coding	A-coded
Connector housing angle	180 °
For min. cable outer diameter	0.138 in
For max. cable outer diameter	0.197 in

Assembly type	Field Configurable
Connection type conductor	Screw connection
Connectable conductor cross section stranded min. (AWG)	26 AWG
Max. connectable fine-wire conductor cross-section (AWG)	20 AWG
Connectable conductor cross section (mm ²)	0.5 mm ²
Housing coating	Nickel-plated
Material contact	Brass
Contact material, short form	CuZn
Contact coating material	Gold-plated
Contact coating material, short form	Au
Material sealing	Acrylonitrile butadiene rubber
Colour housing	Metal
Plug material short form	PA

Product features

Min. number of insertion cycles	100
IP protection rating	IP 67
Pollution degree	3
Operating temperature max.	-40 °C
Operation temperature max.	85 °C
UV-resistant	No
Vibration protection	No

Certifications and standards

CE marking	No
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EPIC® SENSOR M8

Article No.	Name	Number of contacts	Connector type	Connector housing design	Connectable conductor cross section stranded min. (AWG)	Shielded	Connection type conductor
22260043	AB-C4-M8MS-F0,25	4	Plug	Straight	28 AWG	No	Insulation displacement connector
22260044	AB-C4-M8MS-F0,5	4	Plug	Straight	24 AWG	No	Insulation displacement connector
22260045	AB-C4-M8FS-F0,25	4	Socket	Straight	28 AWG	No	Insulation displacement connector
22260046	AB-C4-M8FS-F0,5	4	Socket	Straight	24 AWG	No	Insulation displacement connector
22260120	AB-C3-M8MS	3	Plug	Straight	26 AWG	No	Screw connection
22260121	AB-C4-M8MS	4	Plug	Straight	26 AWG	No	Screw connection
22260125	AB-C3-M8FS	3	Socket	Straight	26 AWG	No	Screw connection
22260126	AB-C4-M8FS	4	Socket	Straight	26 AWG	No	Screw connection
22260985	AB-C3-M8MS-F0,5	3	Plug	Straight	24 AWG	No	Insulation displacement connector
22260986	AB-C3-M8FS-F0,5	3	Socket	Straight	24 AWG	No	Insulation displacement connector
22260993	AB-C3-M8MS-F0,25	3	Plug	Straight	28 AWG	No	Insulation displacement connector
22260994	AB-C3-M8FS-F0,25	3	Socket	Straight	28 AWG	No	Insulation displacement connector
22262025	AB-C3-M8MS-M-0,34-SH	3	Plug	Straight	26 AWG	Yes	Screw connection
22262026	AB-C3-M8FS-M-0,34-SH	3	Socket	Straight	26 AWG	Yes	Screw connection
22262027	AB-C4-M8MS-M-0,34-SH	4	Plug	Straight	26 AWG	Yes	Screw connection
22262028	AB-C4-M8FS-M-0,34-SH	4	Socket	Straight	26 AWG	Yes	Screw connection
22262110	AB-C3-M8MA	3	Plug	Angled	26 AWG	No	Screw connection
22262111	AB-C4-M8MA	4	Plug	Angled	26 AWG	No	Screw connection
22262112	AB-C3-M8FA	3	Socket	Angled	26 AWG	No	Screw connection
22262113	AB-C4-M8FA	4	Socket	Angled	26 AWG	No	Screw connection

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