

**AB-C4-M12MS-PG7-VA**

**Article No.:** 22262049

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



**Details**

**Notes**

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.

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.

**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	2.362 in
Thread type	Metric
Thread size	M 12
Connector housing design	Straight
Coded	Yes
With thread	Yes
Format of connector	M 12
Connector type	Plug
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>

---

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
Colour housing	black
Plug material short form	PA

---

**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

---

**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

---

**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