

AB-C5-M12MS-2,0PUR-M12FS**Article No.:** 22260413

Pre-assembled sensor/actuator cable; Cable chain, Flexible; Polyurethane; 1x5; M 12 (A-coded), Plug, Straight (180 °); M 12 (A-coded), Socket, Straight (180 °); 2 m

**Details****Benefits**

- The integrated vibration protection of the connector makes it resistant to shocks and vibrations.
- UL certification according to technical data enables the product to be used on the North American market.
- Time saving during installation due to pre-assembled cable.
- Compact dimensions enable easy integration into the machine concept.
- Also available as a variant with LEDs for easy diagnosis in the event of fault.

Application

- Can be used universally on machine interfaces for many applications in data and signal transmission.
- The cable design allows flexible, continuously flexing use in moving machine parts and in the cable chain.
- Can be used in dry, damp and, especially, harsh and oily environments.
- The PUR outer jacket is resistant to mineral oil-based lubricants and highly resistant to chemicals.
- The PUR outer jacket and connectors withstand high mechanical stresses.

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	UNITRONIC®
Product type	Pre-assembled sensor/actuator cable
Length	2 m
Delivery Unit	1
Connector 1	M 12; Plug; Straight; A-coded; Number of contacts: 5
Connector 2	M 12; Socket; Straight; A-coded; Number of contacts: 5
valid Fieldbus or Ethernet System	Sensor/Actuator
Industry segment	Packaging

Electrical parameters

Product design

Cable dimension	5X
Number of cores	5
Shielded	No
Overall height	0.583 in
Base material of outer sheath, shortname	PUR

Product features

Application area	Cable chain
Min. number of insertion cycles	100
IP protection rating	IP 65
	IP 67
	IP 68
Suitable for EX-applications	No
Installation temperature min.	-25 °C
Max. assembly temperature	80 °C

Certifications and standards

CE marking	Yes
EAC certified	Not required
EAC certification number	Отказное письмо № 40
UL recognized	No
UL listed	Yes
UL certification	according to UL 2238 (e-file number: E249137)
cUR recognized	No
cUL listed	Yes
cUL certification	according to CSA C22.2 No. 182.3 (e-file number: E249137)
CSA certified	No
VDE certified	No
Product standard according to IEC	M12 according to IEC 61076-2-101
DNV-certified	No
Ecolab certified	No

UNITRONIC® SENSOR M12-M12

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260042	AB-C8-M12MS-2,0PUR-M12FS	PUR	8	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Straight; A-coded; Number of contacts: 8
22260064	AB-C5-M12MS-0,6PUR-M12FA	PUR	5	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260065	AB-C5-M12MS-1,0PUR-M12FA	PUR	5	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260066	AB-C5-M12MS-2,0PUR-M12FA	PUR	5	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260067	AB-C5-M12MS-0,3PUR-M12FA-3L	PUR	5	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260068	AB-C5-M12MS-0,6PUR-M12FA-3L	PUR	5	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260069	AB-C5-M12MS-1,0PUR-M12FA-3L	PUR	5	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260070	AB-C5-M12MS-2,0PUR-M12FA-3L	PUR	5	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260098	AB-C8-M12MS-0,6PUR-M12FS	PUR	8	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Straight; A-coded; Number of contacts: 8
22260099	AB-C8-M12MS-1,0PUR-M12FS	PUR	8	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Straight; A-coded; Number of contacts: 8
22260137	AB-C8-M12MS-0,3PUR-M12FA	PUR	8	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260138	AB-C8-M12MS-0,6PUR-M12FA	PUR	8	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260139	AB-C8-M12MS-1,0PUR-M12FA	PUR	8	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260140	AB-C8-M12MS-2,0PUR-M12FA	PUR	8	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260233	AB-C3-M12MS-0,3PUR-M12FS	PUR	3	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Straight; A-coded; Number of contacts: 3
					M 12; Plug; Straight; A-coded; Number of	M 12; Socket; Straight; A-coded; Number of

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260234	AB-C3-M12MS-0,6PUR-M12FS	PUR	3	0.6 m	contacts: 3	contacts: 3
22260235	AB-C3-M12MS-1,0PUR-M12FS	PUR	3	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Straight; A-coded; Number of contacts: 3
22260236	AB-C3-M12MS-2,0PUR-M12FS	PUR	3	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Straight; A-coded; Number of contacts: 3
22260237	AB-C3-M12MS-0,3PUR-M12FA	PUR	3	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260238	AB-C3-M12MS-0,6PUR-M12FA	PUR	3	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260239	AB-C3-M12MS-1,0PUR-M12FA	PUR	3	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260240	AB-C3-M12MS-2,0PUR-M12FA	PUR	3	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260261	AB-C3-M12MS-0,3PUR-M12FA-2L	PUR	3	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260263	AB-C3-M12MS-1,0PUR-M12FA-2L	PUR	3	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260264	AB-C3-M12MS-2,0PUR-M12FA-2L	PUR	3	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260305	AB-C4-M12MA-0,6PUR-M12FS	PUR	4	0.6 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260306	AB-C4-M12MA-1,0PUR-M12FS	PUR	4	1 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260307	AB-C4-M12MA-2,0PUR-M12FS	PUR	4	2 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260328	AB-C4-M12MS-0,3PUR-M12FS	PUR	4	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260329	AB-C4-M12MS-0,6PUR-M12FS	PUR	4	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260330	AB-C4-M12MS-1,0PUR-M12FS	PUR	4	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4

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22260331	AB-C4-M12MS-2,0PUR-M12FS	PUR	4	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260332	AB-C4-M12MS-0,3PUR-M12FA	PUR	4	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260333	AB-C4-M12MS-0,6PUR-M12FA	PUR	4	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260334	AB-C4-M12MS-1,0PUR-M12FA	PUR	4	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260335	AB-C4-M12MS-2,0PUR-M12FA	PUR	4	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260337	AB-C4-M12MS-0,6PUR-M12FA-3L	PUR	4	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260338	AB-C4-M12MS-1,0PUR-M12FA-3L	PUR	4	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260339	AB-C4-M12MS-2,0PUR-M12FA-3L	PUR	4	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260410	AB-C5-M12MS-0,3PUR-M12FS	PUR	5	0.3 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260411	AB-C5-M12MS-0,6PUR-M12FS	PUR	5	0.6 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260412	AB-C5-M12MS-1,0PUR-M12FS	PUR	5	1 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260413	AB-C5-M12MS-2,0PUR-M12FS	PUR	5	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260702	AB-C4-M12MS-5,0PUR-M12FS	PUR	4	5 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260723	AB-C5-M12MS-10,0PUR-M12FS	PUR	5	10 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260724	AB-C5-M12MS-5,0PUR-M12FS	PUR	5	5 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260866	AB-C5-M12MS-3,0PUR-M12FS	PUR	5	3 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Straight; A-coded; Number of contacts: 5

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22262176	AB-C5-M12MS-3,0PUR-M12FA	PUR	5	3 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	M 12; Socket; Angled; A-coded; Number of contacts: 5
22262195	AB-C4-M12MS-5,0PUR-M12FA-3L	PUR	4	5 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22262199	AB-C4-M12MS-10,0PUR-M12FA-3L	PUR	4	10 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED

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