

**AB-C5-M12MS-5,0PUR****Article No.:** 22260401

Pre-assembled sensor/actuator cable; Cable chain, Flexible; Polyurethane; 1x5; Open end; M 12 (A-coded), Plug, Straight (180 °); 5 m

**Details****Benefits**

- One-side power cable assembly for flexible definition of the cable length and free choice of further connection.
- Compact dimensions enable easy integration into the machine concept.
- The integrated vibration protection of the connector makes it resistant to shocks and vibrations.
- Also available as a variant with LEDs for easy diagnosis in the event of fault.
- UL certification according to technical data enables the product to be used on the North American market.

**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	5 m
Delivery Unit	1
Connector 1	M 12; Plug; Straight; A-coded; Number of contacts: 5
Connector 2	Open end
valid Fieldbus or Ethernet System	Sensor/Actuator
Industry segment	Agricultural & Farm Machinery Assembly Machines Automotive Packaging

### Electrical parameters

#### Product design

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

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**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

**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**

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260091	AB-C8-M12MS-2,0 PUR	PUR		8 2 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	Open end
22260092	AB-C8-M12MS-5,0 PUR	PUR		8 5 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	Open end
22260093	AB-C8-M12MS-10,0 PUR	PUR		8 10 m	M 12; Plug; Straight; A-coded; Number of contacts: 8	Open end
22260094	AB-C8-M12MA-2,0 PUR	PUR		8 2 m	M 12; Plug; Angled; A-coded; Number of contacts: 8	Open end
22260095	AB-C8-M12MA-5,0 PUR	PUR		8 5 m	M 12; Plug; Angled; A-coded; Number of contacts: 8	Open end
22260096	AB-C8-M12MA-10,0 PUR	PUR		8 10 m	M 12; Plug; Angled; A-coded; Number of contacts: 8	Open end
22260141	AB-C8-2,0PUR- M12FA	PUR		8 2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260147	AB-C4-3,0PUR- M12FA	PUR		4 3 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260221	AB-C3-M12MS-2,0 PUR	PUR		3 2 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	Open end
22260222	AB-C3-M12MS-5,0 PUR	PUR		3 5 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	Open end
22260223	AB-C3-M12MA-2,0 PUR	PUR		3 2 m	M 12; Plug; Angled; A-coded; Number of contacts: 3	Open end
22260224	AB-C3-M12MA-5,0 PUR	PUR		3 5 m	M 12; Plug; Angled; A-coded; Number of contacts: 3	Open end
22260249	AB-C3-M12MS-10,0 PUR	PUR		3 10 m	M 12; Plug; Straight; A-coded; Number of contacts: 3	Open end
22260250	AB-C3-5,0PUR- M12FS	PUR		3 5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3
22260251	AB-C3-10,0PUR- M12FS	PUR		3 10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3
	AB-C3-2,0PUR-					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
22260252	M12FS-2L	PUR	3	2 m	Open end	contacts: 3; LED
22260253	AB-C3-2,0PUR-M12FA-2L	PUR	3	2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260254	AB-C3-5,0PUR-M12FA-2L	PUR	3	5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260255	AB-C3-10,0PUR-M12FA-2L	PUR	3	10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3; LED
22260256	AB-C3-M12MA-10,0PUR	PUR	3	10 m	M 12; Plug; Angled; A-coded; Number of contacts: 3	Open end
22260257	AB-C3-2,0PUR-M12FS	PUR	3	2 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3
22260258	AB-C3-2,0PUR-M12FA	PUR	3	2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260259	AB-C3-5,0PUR-M12FA	PUR	3	5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260260	AB-C3-10,0PUR-M12FA	PUR	3	10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 3
22260265	AB-C3-5,0PUR-M12FS-2L	PUR	3	5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3; LED
22260266	AB-C3-10,0PUR-M12FS-2L	PUR	3	10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3; LED
22260301	AB-C4-M12MA-2,0PUR	PUR	4	2 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	Open end
22260302	AB-C4-M12MA-5,0PUR	PUR	4	5 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	Open end
22260303	AB-C4-M12MA-10,0PUR	PUR	4	10 m	M 12; Plug; Angled; A-coded; Number of contacts: 4	Open end
22260320	AB-C4-M12MS-2,0PUR	PUR	4	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	Open end
22260321	AB-C4-M12MS-5,0PUR	PUR	4	5 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	Open end

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260322	AB-C4-2,0PUR-M12FS	PUR	4	2 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260323	AB-C4-5,0PUR-M12FS	PUR	4	5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260324	AB-C4-2,0PUR-M12FA	PUR	4	2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260325	AB-C4-5,0PUR-M12FA	PUR	4	5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260326	AB-C4-2,0PUR-M12FA-3L	PUR	4	2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260327	AB-C4-5,0PUR-M12FA-3L	PUR	4	5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260340	AB-C4-10,0PUR-M12FA-3L	PUR	4	10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260341	AB-C4-10,0PUR-M12FA	PUR	4	10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260342	AB-C4-M12MS-10,0PUR	PUR	4	10 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	Open end
22260343	AB-C4-10,0PUR-M12FS	PUR	4	10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260344	AB-C4-2,0PUR-M12FS-2L	PUR	4	2 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4; LED
22260345	AB-C4-5,0PUR-M12FS-2L	PUR	4	5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4; LED
22260346	AB-C4-10,0PUR-M12FS-2L	PUR	4	10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4; LED
22260377	AB-C4-25,0PUR-M12FS	PUR	4	25 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260400	AB-C5-M12MS-2,0PUR	PUR	5	2 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	Open end
22260401	AB-C5-M12MS-5,0PUR	PUR	5	5 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	Open end

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260402	AB-C5-M12MA-2,0 PUR	PUR		5 2 m	M 12; Plug; Angled; A-coded; Number of contacts: 5	Open end
22260403	AB-C5-M12MA-5,0 PUR	PUR		5 5 m	M 12; Plug; Angled; A-coded; Number of contacts: 5	Open end
22260404	AB-C5-2,0PUR- M12FS	PUR		5 2 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260405	AB-C5-5,0PUR- M12FS	PUR		5 5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260406	AB-C5-2,0PUR- M12FA	PUR		5 2 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260407	AB-C5-5,0PUR- M12FA	PUR		5 5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260408	AB-C5-2,0PUR- M12FA-3L	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED	2 m	5	
22260409	AB-C5-5,0PUR- M12FA-3L	PUR		5 5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260414	AB-C5-M12MS-10,0 PUR	PUR		5 10 m	M 12; Plug; Straight; A-coded; Number of contacts: 5	Open end
22260415	AB-C5-10,0PUR- M12FS	PUR		5 10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260416	AB-C5-10,0PUR- M12FA-3L	PUR		5 10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260417	AB-C5-M12MA-10,0 PUR	PUR		5 10 m	M 12; Plug; Angled; A-coded; Number of contacts: 5	Open end
22260418	AB-C5-10,0PUR- M12FA	PUR		5 10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5
22260615	AB-C8-5,0PUR- M12FA	PUR		8 5 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260616	AB-C8-10,0PUR- M12FA	PUR		8 10 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 8
22260726	AB-C8-2,0PUR- M12FS	PUR		8 2 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 8

Article No.	Name	Base material of outer sheath, shortname	Number of cores	Length	Connector 1	Connector 2
22260728	AB-C8-5,0PUR-M12FS	PUR	8	5 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 8
22260729	AB-C8-10,0PUR-M12FS	PUR	8	10 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 8
22260760	AB-C5-25,0PUR-M12FA-3L	PUR	5	25 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 5; LED
22260819	AB-C4-30,0PUR-M12FA-3L	PUR	4	30 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260828	AB-C4-20,0PUR-M12FA	PUR	4	20 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4
22260829	AB-C5-20,0PUR-M12FS	PUR	5	20 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 5
22260891	AB-C4-15,0PUR-M12FA-2L	PUR	4	15 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22260911	AB-C4-15,0PUR-M12FS-2L	PUR	4	15 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4; LED
22260933	AB-C4-20,0PUR-M12FS	PUR	4	20 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22260947	AB-C4-20,0PUR-M12FA-3L	PUR	4	20 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22261066	AB-C4-M12MS-20,0PUR	PUR	4	20 m	M 12; Plug; Straight; A-coded; Number of contacts: 4	Open end
22262029	AB-C4-25,0PUR-M12FA-3L	PUR	4	25 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22262068	AB-C4-3,0PUR-M12FA-3L	PUR	4	3 m	Open end	M 12; Socket; Angled; A-coded; Number of contacts: 4; LED
22262131	AB-C4-15,0PUR-M12FS	PUR	4	15 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 4
22262142	AB-C3-15,0PUR-M12FS	PUR	3	15 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 3
22262186	AB-C8-15,0PUR-M12FS	PUR	8	15 m	Open end	M 12; Socket; Straight; A-coded; Number of contacts: 8

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