

UNITRONIC® SENSOR M12

M12 plug/socket on free conductor end

Sensor/Actuator-cable, connecting cable 3-pole, M12 connector/M12 socket on free conductor end, A-codiert, PUR LSZH, IP65/IP67/IP68, suitable for drag chains

Info

Other types are available at
www.lappgroup.com/assemblyfinder
or on request



Waterproof



Power chain



Space requirement



Mechanical and plant engineering



Automation & field installation

Benefits

Cost-saving due to quick and easy installation
Space-saving due to compact dimensions
Fast and easy error tracking
Integrated vibration protection (mechanical lock-in)
Gold-plated contacts for low transfer resistance

Application range

For increased mechanical stress and harsh operating conditions

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Product features

UV-resistant
Good resistance to oils and chemicals
PWIS and PVC free
Suitable for drag chains
Including tag carrier

Norm references / Approvals

Halogenfree according to DIN VDE 0472
UL File Number: E249137
Flame-retardant according to UL 1581 FT-2

Product Make-up

wire cross-section: 0,34 mm²
(8-pin: 0,25 mm²)
Colour-code:
3-pin: bn (1), bu (3), bk (4)
4-pin: bn (1), wh (2), bu (3), bk (4)
5-pin: bn (1), wh (2), bu (3), bk (4), gn/ye (5)
8-pin: wh (1), bn (2), gn (3), ye (4), gy (5), pk (6), bu (7), rd (8)
Outer sheath: PUR, black

Technical Data

Classification:	ETIM 5.0 Class-ID: EC001855 ETIM 5.0 Class-Description: Sensor-actuator patch cord
Material:	Contact: CuSn Contact surface: Ni/Au Knurl: Zinc die-cast, nickel-plated Gripping body: TPU, flame-retardant, self-extinguishing
Minimum bending radius:	Fixed installation: 5 x outer diameter Flexing: 10 x outer diameter
Protection rating:	IP65/IP67
Ambient temperature (operation):	Plug/socket -25°C to +90°C Fixed installation -40°C to +80°C Flexing -25°C to +80°C
Coding:	A-standard
Rated current (A):	4 A 2 A (8-pin)

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

UL certifications can be found in the data sheet

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Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
22260221	AB-C3-M12MS-2,0PUR	3	2	straight	no	250
22260222	AB-C3-M12MS-5,0PUR	3	5	straight	no	250
22260249	AB-C3-M12MS-10,0PUR	3	10	straight	no	250
22260223	AB-C3-M12MA-2,0PUR	3	2	angled	no	250
22260224	AB-C3-M12MA-5,0PUR	3	5	angled	no	250
22260256	AB-C3-M12MA-10,0PUR	3	10	angled	no	250
Socket						
22260257	AB-C3-2,0PUR-M12FS	3	2	straight	no	250
22260250	AB-C3-5,0PUR-M12FS	3	5	straight	no	250
22260251	AB-C3-10,0PUR-M12FS	3	10	straight	no	250
22260252	AB-C3-2,0PUR-M12FS-2L	3	2	straight	2 LEDs	24
22260265	AB-C3-5,0PUR-M12FS-2L	3	5	straight	2 LEDs	24
22260266	AB-C3-10,0PUR-M12FS-2L	3	10	straight	2 LEDs	24
22260258	AB-C3-2,0PUR-M12FA	3	2	angled	no	250
22260259	AB-C3-5,0PUR-M12FA	3	5	angled	no	250
22260260	AB-C3-10,0PUR-M12FA	3	10	angled	no	250
22260253	AB-C3-2,0PUR-M12FA-2L	3	2	angled	2 LEDs	24
22260254	AB-C3-5,0PUR-M12FA-2L	3	5	angled	2 LEDs	24
22260255	AB-C3-10,0PUR-M12FA-2L	3	10	angled	2 LEDs	24
22260320	AB-C4-M12MS- 2,0PUR	4	2	straight	no	250
22260321	AB-C4-M12MS- 5,0PUR	4	5	straight	no	250
22260342	AB-C4-M12MS-10,0PUR	4	10	straight	no	250
22260301	AB-C4-M12MA-2,0PUR	4	2	angled	no	250
22260302	AB-C4-M12MA-5,0PUR	4	5	angled	no	250
22260303	AB-C4-M12MA-10,0PUR	4	10	angled	no	250
Socket						
22260322	AB-C4- 2,0PUR-M12FS	4	2	straight	no	250
22260323	AB-C4- 5,0PUR-M12FS	4	5	straight	no	250
22260343	AB-C4-10,0PUR-M12FS	4	10	straight	no	250

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Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
22260344	AB-C4- 2,0PUR-M12FS-2L	4	2	straight	2 LEDs	24
22260345	AB-C4- 5,0PUR-M12FS-2L	4	5	straight	2 LEDs	24
22260346	AB-C4-10,0PUR-M12FS-2L	4	10	straight	2 LEDs	24
22260324	AB-C4- 2,0PUR-M12FA	4	2	angled	no	250
22260325	AB-C4- 5,0PUR-M12FA	4	5	angled	no	250
22260341	AB-C4-10,0PUR-M12FA	4	10	angled	no	250
22260326	AB-C4- 2,0PUR-M12FA-3L	4	2	angled	3 LEDs	24
22260327	AB-C4- 5,0PUR-M12FA-3L	4	5	angled	3 LEDs	24
22260340	AB-C4-10,0PUR-M12FA-3L	4	10	angled	3 LEDs	24
22260400	AB-C5-M12MS-2,0PUR	5	2	straight	no	60
22260401	AB-C5-M12MS-5,0PUR	5	5	straight	no	60
22260414	AB-C5-M12MS-10,0PUR	5	10	straight	no	60
22260402	AB-C5-M12MA-2,0PUR	5	2	angled	no	60
22260403	AB-C5-M12MA-5,0PUR	5	5	angled	no	60
22260417	AB-C5-M12MA-10,0PUR	5	10	angled	no	60
Socket						
22260404	AB-C5- 2,0PUR-M12FS	5	2	straight	no	60
22260405	AB-C5- 5,0PUR-M12FS	5	5	straight	no	60
22260415	AB-C5-10,0PUR-M12FS	5	10	straight	no	60
22260406	AB-C5- 2,0PUR-M12FA	5	2	angled	no	60
22260407	AB-C5- 5,0PUR-M12FA	5	5	angled	no	60
22260418	AB-C5-10,0PUR-M12FA	5	10	angled	no	60
22260408	AB-C5- 2,0PUR-M12FA-3L	5	2	angled	3 LEDs	24
22260409	AB-C5- 5,0PUR-M12FA-3L	5	5	angled	3 LEDs	24
22260416	AB-C5-10,0PUR-M12FA-3L	5	10	angled	3 LEDs	24
22260091	AB-C8-M12MS-2,0PUR	8	2	straight	no	30
22260092	AB-C8-M12MS-5,0PUR	8	5	straight	no	30

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Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
22260093	AB-C8-M12MS-10,0PUR	8	10	straight	no	30
22260094	AB-C8-M12MA-2,0PUR	8	2	angled	no	30
22260095	AB-C8-M12MA-5,0PUR	8	5	angled	no	30
22260096	AB-C8-M12MA-10,0PUR	8	10	angled	no	30
Socket						
22260726	AB-C8-2,0PUR-M12FS	8	2	straight	no	30
22260728	AB-C8-5,0PUR-M12FS	8	5	straight	no	30
22260729	AB-C8-10,0PUR-M12FS	8	10	straight	no	30
22260141	AB-C8-2,0PUR-M12FA	8	2	angled	no	30
22260615	AB-C8-5,0PUR-M12FA	8	5	angled	no	30
22260616	AB-C8-10,0PUR-M12FA	8	10	angled	no	30

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