

Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)	PU
5-pin plug							
22260400	AB-C5-M12MS-2,0PUR	5	2	straight	no	60	1
22260401	AB-C5-M12MS-5,0PUR	5	5	straight	no	60	1
22260414	AB-C5-M12MS-10,0PUR	5	10	straight	no	60	1
22260402	AB-C5-M12MA-2,0PUR	5	2	angled	no	60	1
22260403	AB-C5-M12MA-5,0PUR	5	5	angled	no	60	1
22260417	AB-C5-M12MA-10,0PUR	5	10	angled	no	60	1
Socket							
22260404	AB-C5-2,0PUR-M12FS	5	2	straight	no	60	1
22260405	AB-C5-5,0PUR-M12FS	5	5	straight	no	60	1
22260415	AB-C5-10,0PUR-M12FS	5	10	straight	no	60	1
22260406	AB-C5-2,0PUR-M12FA	5	2	angled	no	60	1
22260407	AB-C5-5,0PUR-M12FA	5	5	angled	no	60	1
22260418	AB-C5-10,0PUR-M12FA	5	10	angled	no	60	1
22260408	AB-C5-2,0PUR-M12FA-3L	5	2	angled	3 LEDs	24	1
22260409	AB-C5-5,0PUR-M12FA-3L	5	5	angled	3 LEDs	24	1
22260416	AB-C5-10,0PUR-M12FA-3L	5	10	angled	3 LEDs	24	1
8-pin plug							
22260091	AB-C8-M12MS-2,0PUR	8	2	straight	no	30	1
22260092	AB-C8-M12MS-5,0PUR	8	5	straight	no	30	1
22260093	AB-C8-M12MS-10,0PUR	8	10	straight	no	30	1
22260094	AB-C8-M12MA-2,0PUR	8	2	angled	no	30	1
22260095	AB-C8-M12MA-5,0PUR	8	5	angled	no	30	1
22260096	AB-C8-M12MA-10,0PUR	8	10	angled	no	30	1
Socket							
22260726	AB-C8-2,0PUR-M12FS	8	2	straight	no	30	1
22260728	AB-C8-5,0PUR-M12FS	8	5	straight	no	30	1
22260729	AB-C8-10,0PUR-M12FS	8	10	straight	no	30	1
22260141	AB-C8-2,0PUR-M12FA	8	2	angled	no	30	1
22260615	AB-C8-5,0PUR-M12FA	8	5	angled	no	30	1
22260616	AB-C8-10,0PUR-M12FA	8	10	angled	no	30	1

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
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 UL certifications can be found in the data sheet



UNITRONIC® SENSOR M12-M12

M12 plug on M12 socket



i Info

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

- 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

- 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
 - 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

- ETIM** ETIM 5.0 Class-ID: EC002062
ETIM 5.0 Class-Description: Sensor-actuator connector
- 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
- IP** Protection rating
IP65/IP67/IP68
- 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

Article number	Article designation	Length (m)	Design	LED	Rated voltage (V)	PU
Connector to socket						
3-pin						
22260233	AB-C3-M 12MS-0,3PUR-M 12FS	0.3	straight-straight	no	250	1
22260234	AB-C3-M 12MS-0,6PUR-M 12FS	0.6	straight-straight	no	250	1
22260235	AB-C3-M 12MS-1,0PUR-M 12FS	1	straight-straight	no	250	1
22260236	AB-C3-M 12MS-2,0PUR-M 12FS	2	straight-straight	no	250	1
22260237	AB-C3-M 12MS-0,3PUR-M 12FA	0.3	straight-angled	no	250	1
22260238	AB-C3-M 12MS-0,6PUR-M 12FA	0.6	straight-angled	no	250	1
22260239	AB-C3-M 12MS-1,0PUR-M 12FA	1	straight-angled	no	250	1
22260240	AB-C3-M 12MS-2,0PUR-M 12FA	2	straight-angled	no	250	1
22260261	AB-C3-M 12MS-0,3PUR-M 12FA-2L	0.3	straight-angled	2 LEDs	24	1
22260262	AB-C3-M 12MS-0,6PUR-M 12FA-2L	0.6	straight-angled	2 LEDs	24	1
22260263	AB-C3-M 12MS-1,0PUR-M 12FA-2L	1	straight-angled	2 LEDs	24	1
22260264	AB-C3-M 12MS-2,0PUR-M 12FA-2L	2	straight-angled	2 LEDs	24	1
4-pin						
22260328	AB-C4-M 12MS- 0,3PUR-M 12FS	0.3	straight-straight	no	250	1
22260329	AB-C4-M 12MS- 0,6PUR-M 12FS	0.6	straight-straight	no	250	1
22260330	AB-C4-M 12MS- 1,0PUR-M 12FS	1	straight-straight	no	250	1
22260331	AB-C4-M 12MS- 2,0PUR-M 12FS	2	straight-straight	no	250	1
22260332	AB-C4-M 12MS- 0,3PUR-M 12FA	0.3	straight-angled	no	250	1
22260333	AB-C4-M 12MS- 0,6PUR-M 12FA	0.6	straight-angled	no	250	1
22260334	AB-C4-M 12MS-1,0PUR-M 12FA	1	straight-angled	no	250	1
22260335	AB-C4-M 12MS-2,0PUR-M 12FA	2	straight-angled	no	250	1
22260304	AB-C4-M 12MA-0,3PUR-M 12FS	0.3	angled-straight	no	250	1
22260305	AB-C4-M 12MA-0,6PUR-M 12FS	0.6	angled-straight	no	250	1
22260306	AB-C4-M 12MA-1,0PUR-M 12FS	1	angled-straight	no	250	1
22260307	AB-C4-M 12MA-2,0PUR-M 12FS	2	angled-straight	no	250	1
22260336	AB-C4-M 12MS-0,3PUR-M 12FA-3L	0.3	straight-angled	3 LEDs	24	1
22260337	AB-C4-M 12MS-0,6PUR-M 12FA-3L	0.6	straight-angled	3 LEDs	24	1
22260338	AB-C4-M 12MS-1,0PUR-M 12FA-3L	1	straight-angled	3 LEDs	24	1
22260339	AB-C4-M 12MS-2,0PUR-M 12FA-3L	2	straight-angled	3 LEDs	24	1
5-pin						
22260410	AB-C5-M 12MS-0,3PUR-M 12FS	0.3	straight-straight	no	60	1
22260411	AB-C5-M 12MS-0,6PUR-M 12FS	0.6	straight-straight	no	60	1
22260412	AB-C5-M 12MS-1,0PUR-M 12FS	1	straight-straight	no	60	1
22260413	AB-C5-M 12MS-2,0PUR-M 12FS	2	straight-straight	no	60	1
22260063	AB-C5-M 12MS-0,3PUR-M 12FA	0.3	straight-angled	no	60	1
22260064	AB-C5-M 12MS-0,6PUR-M 12FA	0.6	straight-angled	no	60	1
22260065	AB-C5-M 12MS-1,0PUR-M 12FA	1	straight-angled	no	60	1
22260066	AB-C5-M 12MS-2,0PUR-M 12FA	2	straight-angled	no	60	1
22260067	AB-C5-M 12MS-0,3PUR-M 12FA-3L	0.3	straight-angled	3 LEDs	24	1
22260068	AB-C5-M 12MS-0,6PUR-M 12FA-3L	0.6	straight-angled	3 LEDs	24	1
22260069	AB-C5-M 12MS-1,0PUR-M 12FA-3L	1	straight-angled	3 LEDs	24	1
22260070	AB-C5-M 12MS-2,0PUR-M 12FA-3L	2	straight-angled	3 LEDs	24	1
8-pin						
22260097	AB-C8-M 12MS-0,3PUR-M 12FS	0.3	straight-straight	no	30	1
22260098	AB-C8-M 12MS- 0,6PUR-M 12FS	0.6	straight-straight	no	30	1
22260099	AB-C8-M 12MS-1,0PUR-M 12FS	1	straight-straight	no	30	1
22260042	AB-C8-M 12MS- 2,0PUR-M 12FS	2	straight-straight	no	30	1
22260137	AB-C8-M 12MS-0,3PUR-M 12FA	0.3	straight-angled	no	30	1
22260138	AB-C8-M 12MS-0,6PUR-M 12FA	0.6	straight-angled	no	30	1
22260139	AB-C8-M 12MS 1,0PUR-M 12FA	1	straight-angled	no	30	1
22260140	AB-C8-M 12MS-2,0PUR-M 12FA	2	straight-angled	no	30	1

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Accessories

- FLEXIMARK® Label LMB refer to page 951