

Product data sheet

Automation technology - Sensors and actuators



Product description	M12 Female angled connector, Contacts: 8, 6.0-8.0 mm, shieldable, screw clamp, IP67, UL 2238, with shielding ring
Area	M12-A
Coding	A-coded
Series	713
Part no.	99 1486 822 08

EMC compliance	shieldable
Shield connection	Shielding ring

Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	99b1c6f7-a0a9-42c3-8a92-82a2d1098b2c

Authorization/approvals

Approvals	UL 2238
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Classifications

eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

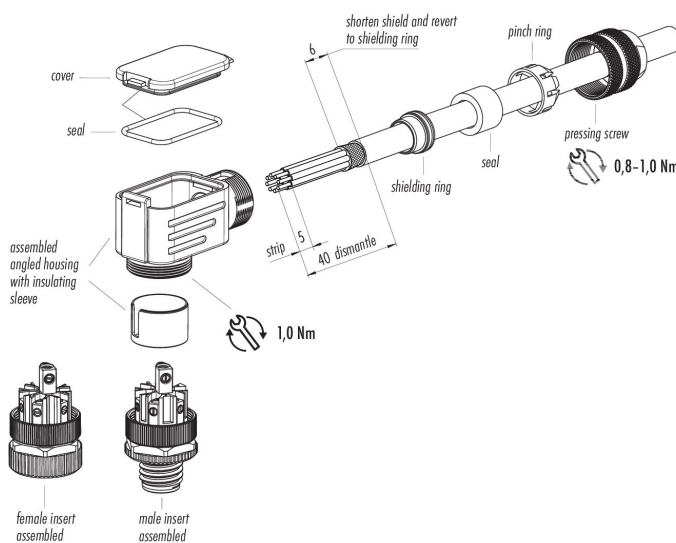
Trade-Compliance

Copper (9903.78.01)	0.000221 kg
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Assembly instructions

1. Bead pressing screw, pinch ring, seal and shielding ring to cable.
2. Dismantle cable.
3. Strip single wires, shorten shield and revert to shielding ring.
4. Thread single wires through angled housing, mount shielding ring, seal and pinch ring. Slightly tighten pressing screw to fix the cable.
5. Screw on single wires: 8 pole: 0.2 Nm.
6. Screw angled housing to male/female insert.
7. Fit seal to cover and insert cover.
8. Tighten pressing screw.



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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).