Product data sheet

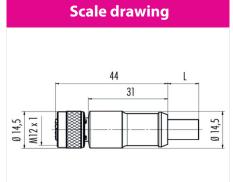


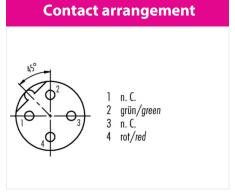


Product description M12-B female cable connector, Contacts: 2, shielded, moulded on cable, IP67, UL listed, PUR purple, 1 x 2 x 0.25 mm²

Area **M12-B series 766**Order number **77 4330 0000 60702-0200**







Technical data

General values

Connector design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper limit temperature Lower limit temperature Customs tariff number female cable connector screw moulded on cable 0.25 mm² 24 80 °C - 25 °C 85444290

Cable data

Cable length Sheath material Single-lead insulation Single-lead structure Cable diameter Approval 1 2 m PUR PE-Schaum 19 x 0,127 mm 7.8 mm UL listed

Electrical values

Rated current (40 °C) 4 A 60 V Rated voltage Rated impulse voltage 1500 V Pollution degree 3 Overvoltage category Ш Insulating material group Ш $>10^8\,\Omega$ Insulation resistance EMC compliance shielded Degree of protection Mechanical operation > 100 Mating cycles

Material

Contact material CuSn (bronze)
Contact plating Au (gold)
Contact body material PUR
Housing material PUR

Product data sheet



Automation technology - data transmission and power supply

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Area **M12-B series 766**Order number **77 4330 0000 60702-0200**

Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).

