Product data sheet

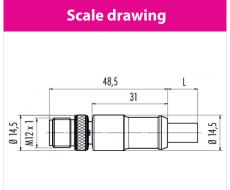


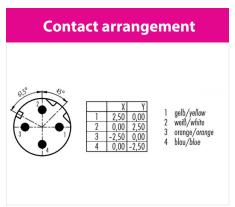


Product description Contacts: 4, Cable length: 2 m, cable plug connector, PROFINET, UL approval

Area M12-D, M12-X Series 876 D-coding
Order number 77 4529 0000 50704-0200







Technical data

General values

Connector design cable connector Connector locking system bolted Termination moulded on cable 0.34 mm² Wire gauge (mm) Wire gauge (AWG) 22 Upper limit temperature 85 °C Lower limit temperature -40 °C Customs tariff number 85444290

Cable data

Cable length 2 m Sheath material PUR Polyolefin Single-lead insulation Single-lead structure AWG 22/7 Cable diameter 6.7 Conductor resistance 55Ω/Km Temperature range, moving cable, °C from -20 Temperature range, moving cable, °C to 60 Temperature range, fixed cable, °C from -40 Temperature range, fixed cable, °C to 80 min. 5xd Bending radius, fixed cable Bending radius, moving cable min. 15xd Approval 1 **UL** listed UL style 1 AWM20236

Electrical values

Rated current (40 °C) Rated voltage 250 V Rated impulse voltage 2500 V Pollution degree 3 Overvoltage category Ш Insulating material group Volume resistivity \leq 3 m Ω Insulation resistance $> 10^{10}\Omega$ EMC compliance shielded Degree of protection Mechanical operation > 100 Mating cycles

Material

Contact material Contact plating Contact body material Housing material CuZn (brass) Au (gold) PUR PUR

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Automation technology - data transmission and power supply

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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).

