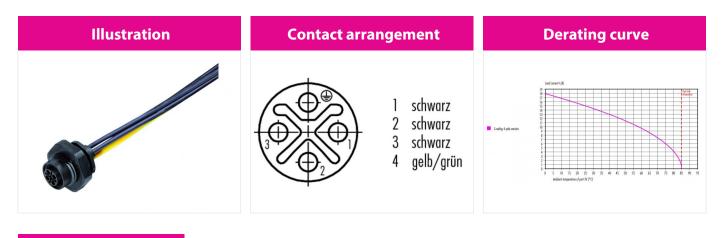
Product data sheet Automation technology - data transmission and power supply



Product description

Contacts: 3+PE, male panel mount connector, Power, S-Coding, with single wires, fixing thread M20x1,5

Area Order number M12-S, M12-K Series 814 S-coding 09 0692 321 04



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 panel mount connector bolted single wires 1.38 mm² 16 85 °C -40 °C 85369010

Electrical values

Rated current (40 °C) Rated voltage Rated impulse voltage Pollution degree Overvoltage category Insulating material group Volume resistivity Degree of protection Mechanical operation

Material

Contact material Contact plating Contact body material Housing material 12 A 630 V 6000 V 3 III II $\leq 5 m\Omega$ IP68 > 100 Mating cycles

CuSn (bronze) Au (gold) PA PA

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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.

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