Product sheet

Automation technology - Speciality connectors



Product

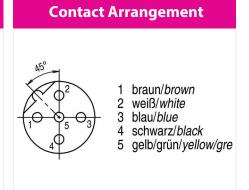
Contacts: 5, Female panel mount connector with single wires 0.25 mm²

Area Article number M12-B Series 715/766 09 4442 00 05

Pole







You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper temperature Lower temperature

Female panel mount connector screw Single wires 0.25 mm² 24

Cable data

material housing Insulation single lead Single lead structure Conductor resistance Bending radius cable fixed Bending radius cable movable 85 °C -40 °C

Electrical values

Rated voltage 125 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Ш Material group П Rated current (40°C) 4 A Volume resistivity $\leq 3 \text{ m}\Omega$ EMV compliance not shielded Degree of protection IP68 Mechanical operation > 100 mating cycles

Material

Material of contact Contact plating Material of contact body Material of housing

CuSn (Bronze) Au (Gold) PUR, PA Nickel-plated zinc die casting

fixing thread: PG 9, Contacts: 5, Male panel mount connector with single wires, 0.25 mm²

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