Product sheet

Automation technology - Speciality connectors



Product

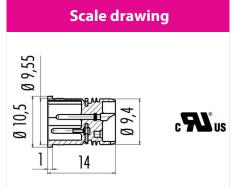
Contacts: 2+PE, Integrated plug with grounding ring, solder, gold contact plating, with UL approval

Article number

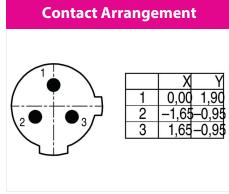
M12-US Series 815 09 2431 09 03

Pole





Area



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

Cable data

material housing Insulation single lead Single lead structure Conductor resistance Bending radius cable fixed Bending radius cable movable Integrated male connector

screw Solder 0.75 mm² 85 °C -25 °C

Electrical values

Rated voltage 250 V 2500 V Rated impulse voltage Pollution degree 3 Overvoltage category Ш Material group П Rated current (40°C) 4 A Volume resistivity \leq 3 m Ω not shielded EMV compliance IP67 Degree of protection Mechanical operation > 50 mating cycles

Material

Material of contact CuZn (Brass) Contact plating Au (Gold) Material of contact body PA Material of housing PA

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plating, with UL approval 2+PE

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