Product sheet

Automation technology



Product Contacts: 5, Female panel mount connector, POWER, screw terminal

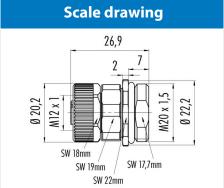
connection, fixing thread, M20 x 1.5, UL

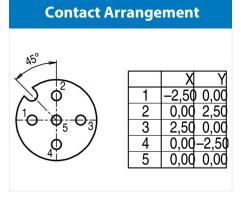
approval

Pole

Area M12-A Series 713/763 POWER
Article number 99 0434 500 05







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 Screw terminal screw terminal max. 1.5 mm² 16 85 °C -40 °C

Electrical values

Rated voltage 125 V Rated impulse voltage 1500 V Pollution degree Overvoltage category П Material group Rated current (40°C) Contact 1-48A, contact 52A Volume resistivity $\leq 3 \, m\Omega$ EMV compliance not shielded Degree of protection IP67 > 100 mating cycles Mechanical operation

Material

 Material of contact
 CuSn (Bronze), CuZn (Brass)

 Contact plating
 Au (Gold)

 Material of contact body
 PA

 Material of housing
 Nickel-plated zinc die casting

Contacts: 5, Female panel mount connector, POWER, screw terminal connection, fixing thread, M20 \times 1.5, UL approval



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Product

Contacts: 5, Female panel mount connector, POWER, screw terminal connection, fixing thread, M20 x 1.5, UL

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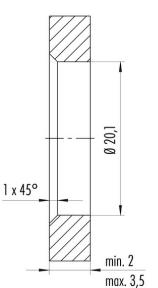
Pole

Area Article number M12-A Series 713/763 POWER

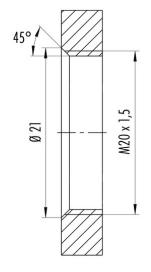
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Installation instructions / Mounting cutout

Mit Durchgangsbohrung With bore hole



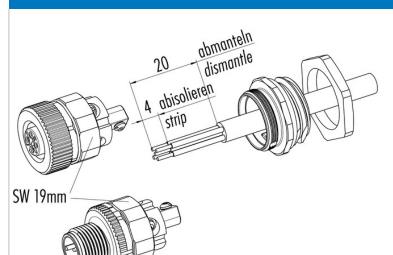
Mit Gewinde, einschraubbar With thread to screw in



Anzugsdrehmoment/Tightening moment

M20 x 1,5 5 Nm

Installation instructions / Mounting cutout



Litzenquerschnitt

Wire cross section

4-, 5-, 8-polig/contacts min. $0,14 \text{ mm}^2$ 4-, 5-polig/contacts max. 1,5 mm²

max. 0.5 mm²

8-polig/contacts

Kontakteinsatz Contact insert

4 x 90° verdrehbar/adjustable

Anzugsdrehmoment Tightening torque

SW 19 Mutter/nut = 5 Nm M18 x 0,75

 $M20 \times 1.5 = 5 \text{ Nm}$