Product sheet

Automation technology



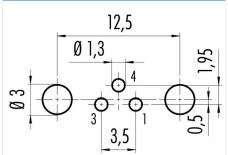
Product

Contacts: 3, Female panel mount connector, angled, with UL approval Area Article number M8 Series 768/718 99 3412 282 03

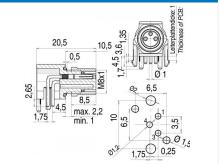
Pole

Illustration

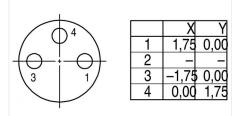
Conductor layout



Scale drawing



Contact Arrangement



You can find the assembly instruction on the next page.

Technical data

Common values

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

Female panel mount connector dip-solder

85 °C

-40 °C

Electrical values

Rated voltage 60 V Rated impulse voltage 800 V Pollution degree Overvoltage category П Material group Ш Rated current (40°C) 4 A $\leq 3~m\Omega$ Volume resistivity EMV compliance not shielded Degree of protection IP67 Mechanical operation > 100 mating cycles

Material

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

CuSn (Bronze) Au (Gold) PA (UL 94 HB) CuZn (Brass nickel-plated)

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Pole

3

Installation instructions / Mounting cutout Mit Durchgangsbohrung With bore hole Mit Gewinde, einschraubbar With thread to screw in Mit Fläche als Verdrehschutz With flats as anti-rotation device 0,5 x 45° 0,5 x 45° Gewinde E/thread E D 8,1 2,5 10,1 2,5 M8 x 0,5 4,5 7,1 M10 x 0,75 5,0 9,1 Anzugsdrehmoment/Tightening moment 1 Nm D $\min B$ min B max C max C