#### **Product sheet**

## Miniature connector



Product Pole

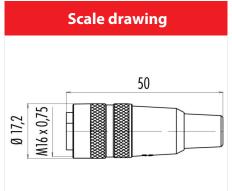
Contacts: 2, female cable connector, cable

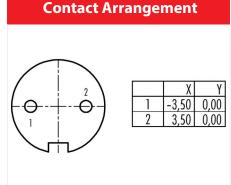
outlet 6 - 7.8 mm

Area Article number

M16 IP40 Series 680 09 0302 02 02







You can find the item description on the next page.

## **Technical data**

#### **Common values**

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

Female cable connector screw Solder 0.75 mm<sup>2</sup> 20 6 - 7.8 mm 85 °C -40 °C

#### **Electrical values**

Rated voltage 250 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Material group Ш Rated current (40°C) 7 A Volume resistivity  $\leq 5 \, \text{m}\Omega$ EMV compliance not shielded Degree of protection IP40 > 500 mating cycles Mechanical operation

#### Material

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

CuSn (Bronze) Ag (Silver) PBT (UL 94 V-0) PA (UL 94 HB)

Contacts: 2, female cable connector, cable outlet 6 - 7.8 mm, silver plated contacts

### **Product sheet**

# Miniature connector



Product

Pole

Contacts: 2, female cable connector, cable

outlet 6 - 7.8 mm

Area Article number M16 IP40 Series 680 09 0302 02 02

