Product data sheet

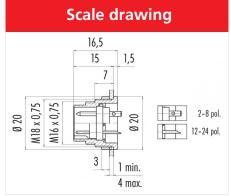
Miniature connectors

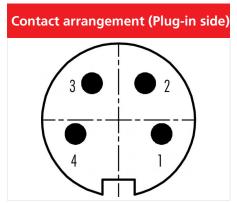


Product description M16 IP40 male panel mount connector, Contacts: 4, unshielded, solder, IP40, front mounting

Area M16 IP40 series 680 Order number 09 0311 80 04

Illustration





You can find the assembly instructions on the next page.

Technical data

General features

Order number Connector design

Version
Connector locking system
Termination
Degree of protection
Cross-sectional area
Temperature range from/to
Mechanical operation
Weight (g)
Customs tariff number

09 0311 80 04
male panel mount
connector
connector male straight
screw
solder
IP40
0.75 mm² / AWG 18
-40 °C / 85 °C
> 500 Mating cycles
10.891
85369010

Classifications

Contact body material

Contact material

Contact plating

REACH SVHC

eCl@ss 11.1 ETIM 7.0

Material

Housing material

Zinc die-cast nickelplated PBT (UL94 V-0) CuZn (brass) Ag (silver) CAS 7439-92-1 (Lead)

27-44-01-09 EC003569

Electrical parameters

Rated voltage
Rated impulse voltage
Rated current (40 °C)
Insulation resistance
Pollution degree
Overvoltage category
Insulating material group
EMC compliance

250 V 1500 V 6 A ≥ $10^{10} \Omega$ 1 III unshielded

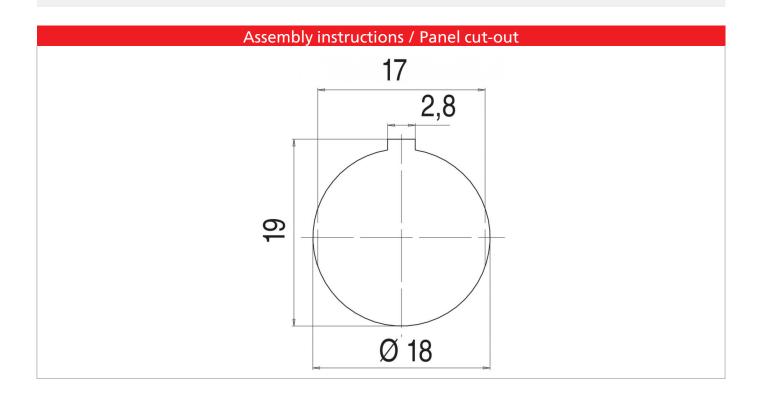
Product data sheet

Miniature connectors



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Product data sheet

Miniature connectors



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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

To protect against unintentional opening of the connector, the thread between the housing and the connector head must be secured with a suitable cyanoacrylate adhesive when used in circuits with voltages dangerous to the touch. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

The plug connector is not suitable for mains voltages Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".