#### **Product data sheet**

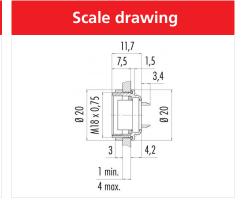
# Miniature connectors

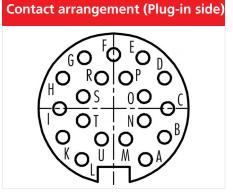


Product description M16 IP67 female panel mount connector, Contacts: 19, unshielded, solder, IP67, UL, front mounting

Area M16 IP67 series 723 Order number 09 0464 80 19

# Illustration





You can find the assembly instructions on the next page.

# Technical data

## **General values**

Connector design

Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper limit temperature Lower limit temperature Customs tariff number female panel mount connector screw solder 0.25 mm<sup>2</sup> AWG 24 95 °C -40 °C 85369010

#### **Electrical values**

Rated current (40 °C) 3 A 60 V Rated voltage Rated impulse voltage 500 V Pollution degree Overvoltage category Insulating material group Ш  $\geq 10^{10} \, \Omega$ Insulation resistance unshielded EMC compliance Degree of protection Mechanical operation > 500 Mating cycles

## **Material**

Contact material CuSn (bronze)
Contact plating Au (gold)
Contact body material PBT (UL94 V-0)
Housing material Zinc die-cast nickel-plated
REACH SVHC CAS 7439-92-1 (Lead)

# authorization/approvals

Approval 1 U

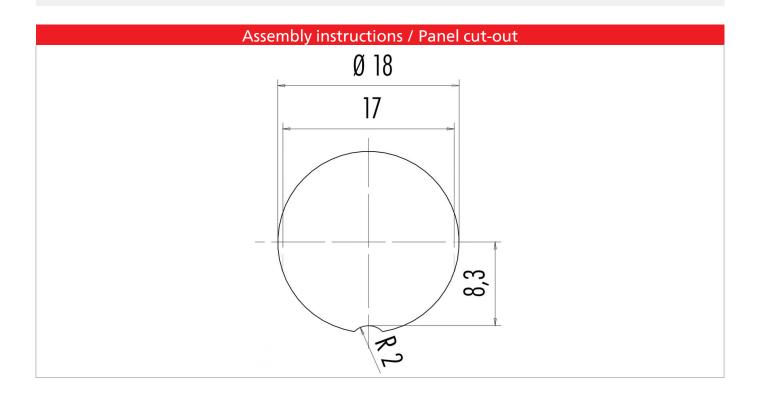
# **Product data sheet**

# Miniature connectors



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## **Product data sheet**

# Miniature connectors



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Area M16 IP67 series 723
Order number 09 0464 80 19

## Security notices

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.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.