Product data sheet
Miniature connectors

Product description
M16 IP40 male panel mount connector, Contacts: 8 DIN, unshielded, solder, IP40

Area
M16 IP40 series 680
Order number
09 0473 00 08

Illustration
Scale drawing
Contact arrangement (Plug-in side)

You can find the assembly instructions on the next page.

Technical data

General features
Order number
09 0473 00 08
Connector design
male panel mount connector
Version
connector male straight
Connector locking system
screw
Termination
solder
Degree of protection
IP40
Cross-sectional area
0.75 mm² / AWG 18
Temperature range from/to
-40 °C / 85 °C
Mechanical operation
≥ 500 Mating cycles
Weight (g)
11.683
Customs tariff number
85369010

Material
Housing material
Zinc die-cast nickel-plated
Contact body material
PBT (UL94 V-0)
Contact material
CuZn (brass)
Contact plating
Ag (silver)
REACH SVHC
CAS 7439-92-1 (Lead)

Electrical parameters
Rated voltage
60 V
Rated impulse voltage
500 V
Rated current (40 °C)
5 A
Insulation resistance
≥ 10¹⁰ Ω
Pollution degree
1
Overvoltage category
I
Insulating material group
III
EMC compliance
unshielded
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Assembly instructions / Panel cut-out
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.