Product description
M16 IP40 male panel mount connector, Contacts: 7 DIN, unshielded, solder, IP40

Area
M16 IP40 series 680

Order number
09 1583 00 07

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 1583 00 07
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) 11.45
Customs tariff number 85369010

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

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**

![Diagram of connector dimensions](image-url)
Product data sheet

Miniature connectors

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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.