Product data sheet

Subminiature connectors

M9 IP67 female cable connector, Contacts: 2, shielded, moulded on cable, IP67, PUR black, 5 x 0.25 mm²

Area
M9 IP67 series 702
Order number
79 1402 15 02

Illustration

Scale drawing

Contact arrangement (Plug-in side)

Technical data

General features

Order number
79 1402 15 02
Connector design
female cable connector
Version
connector female straight
Connector locking system
screw
Termination
moulded on cable
Degree of protection
IP67
Cross-sectional area
0.25 mm² / AWG 24
Temperature range from/to
-25 °C / 70 °C
Mechanical operation
> 500 Mating cycles
Weight (g)
222
Customs tariff number
85444290

Electrical parameters

Rated voltage
125 V
Rated impulse voltage
1500 V
Rated current (40 °C)
4 A
Insulation resistance
≥ 10¹⁰ Ω
Pollution degree
1
Overvoltage category
II
Insulating material group
III
EMC compliance
shielded

Material

Housing material
PUR
Contact body material
PBT (UL94 V-0)
Contact material
CuSn (bronze)
Contact plating
Au (gold)
Locking material
CuZn (Brass nickel plated)
REACH SVHC
CAS 7439-92-1 (Lead)

Cable data

Cable length
5 m
Sheath material
PUR
Single-lead insulation
PVC
Halogen free
No
Cable color
black
Cable diameter
5.3 mm
Single-lead structure
14 x 0.15 mm mm
Conductor resistance
75
Temperature range cable in move from/to
-65°C / +80°C
Temperature range cable fixed from/to
-30°C / +80°C
Bending radius, fixed cable
≥ 7.5 x Ø
Bending radius, moving cable
≥ 15 x Ø

Declarations of conformity

Low Voltage Directive
2014/35/EU (EN 60204-1:2018;EN 60529:1991)
RoHS Directive
2011/65/EU (EN 50581:2012)

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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 lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).