

Product sheet

Subminiature connector



Product
Pole

**Contacts: 8, female angled connector
overmoulded, unshielded**
8

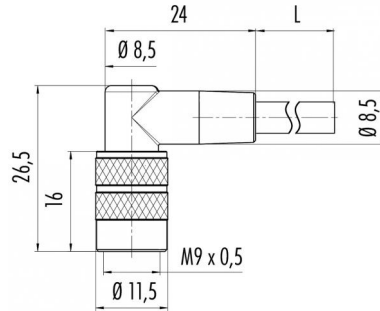
Area
Article number

M9 IP67 Series 702
79 1462 272 08

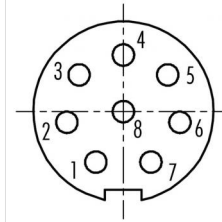
Illustration



Scale drawing



Contact Arrangement



- 1 weiß/white
- 2 braun/brown
- 3 grün/green
- 4 gelb/yellow
- 5 grau/grey
- 6 rosa/pink
- 7 blau/blue
- 8 rot/red

Technical data

Common values

Connector Design	Female angled connector
Connector locking system	screw
Termination	overmoulded on cable
Wire gauge (mm)	0.14 mm ²
Wire gauge (AWG)	26
Cable outlet	-
Upper temperature	70 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PVC/ PE
Single lead structure	18 x 0.10 mm
Cable sheath Ø	5
Conductor resistance	117Ω/Km
Temperature range cable movable c from	-5
Temperature range cable movable c to	70
Temperature range cable fixed c from	-25
Temperature range cable fixed c to	70
Bending radius cable fixed	Min. 25 mm
Bending radius cable movable	Min. 50 mm

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Material group	III
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
EMV compliance	nicht geschirmt
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PUR

Contacts: 8, female angled connector overmoulded, shielded, cable length 2 m