#### **Product sheet**

# Automation technology - Speciality connectors



Product

Contacts: 5, Cable plug connector with metal lock, screw terminal connection, with UL approval

Article number

Area

M12-B Series 715 99 0437 15 05

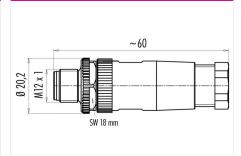
Pole

5

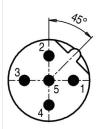
# Illustration



## **Scale drawing**



## **Contact Arrangement**



	X	Υ
1	2,50	0,00
2	0,00	2,50
3	-2,50	0,00
4	0,00	-2,50
5	0,00	0,00

### **Attenuation characteristic**



You can find the item description and assembly instruction on the next page.

# **Technical data**

#### **Common values**

Connector Design Cable plug connector Connector locking system screw Screwing Termination 0.75 mm<sup>2</sup> Wire gauge (mm) Wire gauge (AWG) 18 Cable outlet 4 - 6 mm Upper temperature 85 °C Lower temperature -40 °C

#### **Cable data**

material housing Insulation single lead Single lead structure Conductor resistance Bending radius cable fixed Bending radius cable movable -

#### **Electrical values**

Rated voltage 125 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Ш Ш Material group Rated current (40°C) 4 A Volume resistivity  $\leq 8~m\Omega$ EMV compliance not shielded Degree of protection Mechanical operation > 50 mating cycles

#### **Material**

Material of contact CuZn (Brass)
Contact plating CuSnZn (Optaloy)
Material of contact body PA

Material of housing PA, nickel-plated zinc die casting/

cable outlet: 4 - 6 mm, Contacts: 5, Cable plug connector, metal lock, screw terminal closure, with UL approval

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