

Product **Contacts: 5, Cable length: 5 x 0.5mm², cable plug connector overmoulded, cable length 2 m**

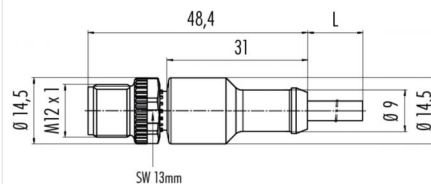
Area **M12-B Series 766**

Article number **77 4429 0000 50005-0200**

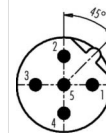
Illustration



Scale drawing



Contact Arrangement



	X	Y
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

- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black
- 5 grau/grey

Technical data

General features

Connector locking system bolted
Termination crimp, moulded on cable
Wire gauge (mm) 0,34 mm²
Wire gauge (AWG) (22)
Upper temperature 80 °C
Lower temperature -25 °C

Cable data

material housing PUR
Insulation single lead PP
Single lead structure 42 x 0,1
Cable sheath Ø 5,0
Conductor resistance 60 Ω/Km (20°C)
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 28 mm
Bending radius cable movable 45 mm
Approval 1 UL listed
Cable diameter 5.7

Electrical parameters

Rated voltage 60 V
Rated impulse voltage 1500 V
Pollution degree 3
Overvoltage category II
Material group II
Rated current (40°C) 4 A
Volume resistivity ≤ 3 mΩ
EMV compliance not shielded
Degree of protection IP68
Mechanical operation > 100 Mating cycles

Material

Material of contact CuZn (Messing)
Contact plating Au (gold)
Material of contact body PUR
Material of housing PUR