

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

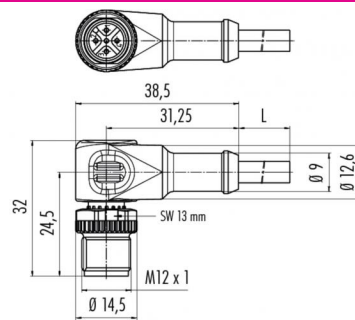
Area **M12-B Series 766**

Article number **77 4427 0000 50005-0200**

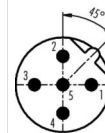
Illustration



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