Product sheet

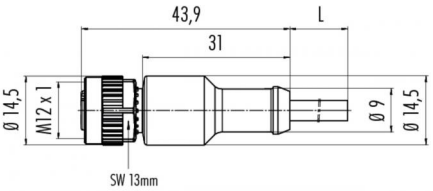
Automation Technology

Product	**Contacts: 5, Cable length: 5 x 0.5mm², female cable connector overmoulded, cable length 2 m**
Area	**M12-B Series 766**
Article number	**77 4430 0000 50005-0200**

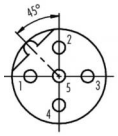
Illustration



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	85 °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	CuSn (Bronze)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR