Product sheet

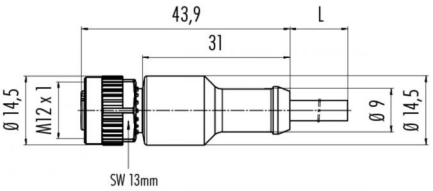
Automation Technology

Product	**Contacts: 3, Cable length: 3 x 0.5mm², female cable connector overmoulded, cable length 5m**
Area	**M12-B Series 766**
Article number	**77 4430 0000 50003-0500**

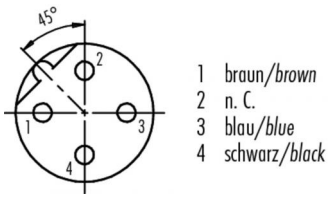
Illustration



Scale drawing



Contact Arrangement



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	4.3
Conductor resistance	60Ω/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	28 mm
Bending radius cable movable	45 mm
Approval 1	UL listed
Cable diameter	4.3

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 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

c UL us LISTED