Product sheet

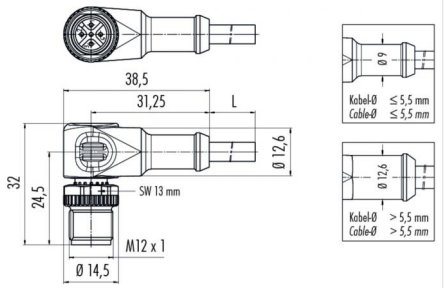
Automation Technology

Product	**Contacts: 3, cable length 2 m, cable: 3 x 0.34 mm², PVC, male angled connector, overmoulded**
Area	**M12-A Series 763**
Article number	**77 3427 0000 20003-0200**

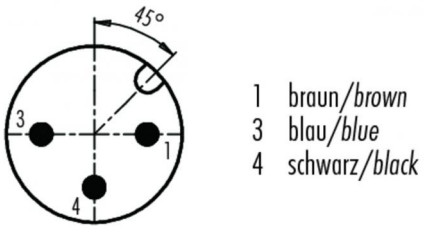
Illustration



Scale drawing



Contact Arrangement



Technical data

General features

Connector Design	male angled connector
Connector locking system	bolted
Termination	crimp, moulded on cable
Wire gauge (mm)	0,34 mm²
Wire gauge (AWG)	(22)
Upper temperature	90 °C
Lower temperature	-25 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	42 x 0,1
Cable sheath Ø	4.5
Conductor resistance	57 Ω/Km
Temperature range cable movable °C from	-5
Temperature range cable movable °C to	105
Temperature range cable fixed °C from	-40
Temperature range cable fixed °C to	105
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval 1	UL listed
Cable diameter	4.5

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	IP69K
Mechanical operation	> 100 Mating cycles

Material

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