Product sheet

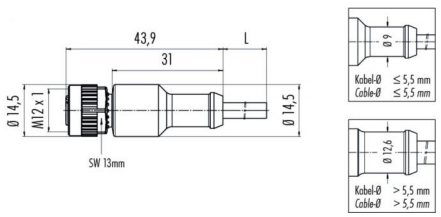
Automation Technology

Product	**Contacts: 3, cable length 2 m, cable: 3 x 0.34 mm², 120°, female cable connector, overmoulded**
Area	**M12-A Series 763**
Article number	**77 3430 0000 70003-0200**

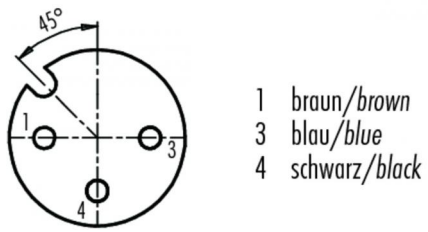
Illustration



Scale drawing



Contact Arrangement



Technical data

General features

Connector Design	Female cable connector
Connector locking system	bolted
Termination	crimp, moulded on cable
Wire gauge (mm)	0,34 mm²
Wire gauge (AWG)	(22)
Upper temperature	120 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PETE
Single lead structure	7 x 0,25
Cable sheath Ø	4,9
Conductor resistance	60 Ω/Km (20°C)
Temperature range cable movable °C from	-25
Temperature range cable movable °C to	90
Temperature range cable fixed °C from	-50
Temperature range cable fixed °C to	90
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval 1	UL listed

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