Product sheet

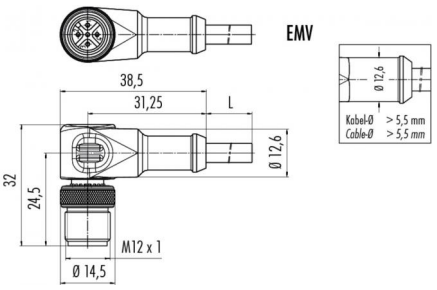
Automation Technology

Product	**Contacts: 5, cable length 5m, cable: 5 x 0.25mm², PVC, male angled connector, overmoulded, shielded**
Area	**M12-A Series 763**
Article number	**77 3527 0000 20705-0500**

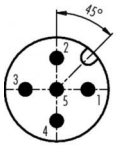
Illustration



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*

Geschirmte Versionen: Schirm auf Gehäuse
Shielded versions: shield on housing

Technical data

General features

Connector Design	male angled connector
Connector locking system	bolted
Termination	crimp, moulded on cable
Wire gauge (mm)	0,25 mm²
Wire gauge (AWG)	(24)
Upper temperature	90 °C
Lower temperature	-25 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	32 x 0,1
Cable sheath Ø	5.7
Conductor resistance	75 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	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	shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

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