Product sheet

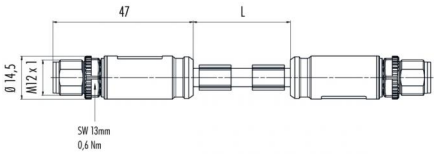
Automation Technology

Product	**Contacts: 8, Connecting cable 8m, 2 male cable connectors M12x1, shielded, IP67**
Area	**M12-D, M12-X Series 876 X-coding**
Article number	**79 9722 050 08**

Illustration



Scale drawing



Contact Arrangement



	X	Y
1	1,40	-2,80
2	2,80	-1,40
3	2,80	1,40
4	1,40	2,80
5	-1,40	2,80
6	-2,80	1,40
7	-2,80	-1,40
8	-1,40	-2,80

Technical data

General features

Connector Design	connecting cord
Connector locking system	bolted
Termination	crimp, moulded on cable
Wire gauge (AWG)	26/7
Upper temperature	85 °C
Lower temperature	-40 °C

Cable data

material housing	PUR green
Insulation single lead	PE
Single lead structure	7 x 0,16
Cable sheath Ø	6.2
Conductor resistance	14,5Ω/100 m
Temperature range cable movable °C from	-10
Temperature range cable movable °C to	60
Temperature range cable fixed °C from	-40
Temperature range cable fixed °C to	60
Bending radius cable fixed	≥ 25 mm
Bending radius cable movable	≥ 50 mm

Electrical parameters

Rated voltage	50V AC, 60V DC V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	0,5 A
Volume resistivity	≤ 10 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	PA
Material of housing	PUR