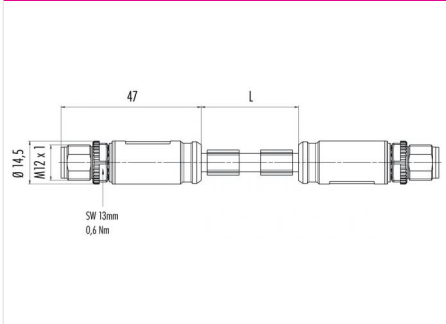


Product	<b>Contacts: 8, Connecting cord, 2 cable plug connectors M12x1, PUR cable, shielded</b>	Area	<b>M12-D, M12-X Series 876 X-coding</b>
Pole	<b>8</b>	Article number	<b>79 9722 100 08</b>

**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**

**Common values**

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

**Electrical values**

Rated voltage	a:2:{i:0;s:2:"50";i:1;s:2:"60";} V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	0.5 A
Volume resistivity	≤ 10 mΩ
EMV compliance	geschirmt
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

**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	85
Bending radius cable fixed	≥ 25 mm
Bending radius cable movable	≥ 50 mm
Approval	E 344985

**Material**

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA
Material of housing	PUR

Cable sheath PUR, cable length 10 m, Contacts: 8, Connecting cord, 2 cable plug connectors M12x1, PUR cable, shielded