

Product	<b>Contacts: 8, Connecting cord, cable plug connector M12x1 - RJ45 male connector, PUR cable, shielded</b>	Area	<b>M12-D, M12-X Series 876 X-coding</b>
Pole	<b>8</b>	Article number	<b>79 9723 050 08</b>

Illustration	Scale drawing	Contact Arrangement																											
		<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>1,40</td><td>-2,80</td></tr> <tr><td>2</td><td>2,80</td><td>-1,40</td></tr> <tr><td>3</td><td>2,80</td><td>1,40</td></tr> <tr><td>4</td><td>1,40</td><td>2,80</td></tr> <tr><td>5</td><td>-1,40</td><td>2,80</td></tr> <tr><td>6</td><td>-2,80</td><td>1,40</td></tr> <tr><td>7</td><td>-2,80</td><td>-1,40</td></tr> <tr><td>8</td><td>-1,40</td><td>-2,80</td></tr> </tbody> </table>		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
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## 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

### 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

### 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

### Material

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

Cable sheath PUR, cable length 5 m, Contacts: 8, Connecting cord, cable plug connector M12x1 - RJ45 male connector, PUR cable, shielded