

Product sheet

Miniature connector



Product	Contacts: 3 DIN, Cable plug connector with solder eye, shieldable, cable outlet 4 - 6 mm	Area	M16 IP40 Series 581
Pole	mm 3 DIN	Article number	99 2005 09 03

Illustration	Scale drawing	Contact Arrangement												
		<table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>0,00</td> <td>3,50</td> </tr> <tr> <td>3</td> <td>-3,50</td> <td>0,00</td> </tr> </tbody> </table>		X	Y	1	3,50	0,00	2	0,00	3,50	3	-3,50	0,00
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1	3,50	0,00												
2	0,00	3,50												
3	-3,50	0,00												

You can find the item description on the next page.

Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.75 mm ²
Wire gauge (AWG)	20
Cable outlet	4 - 6 mm
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	7 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shielded
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	CuZn (Brass nickel-plated)

Contacts: 3 DIN, Cable plug connector with solder eye, shieldable, cable outlet 4 - 6 mm, gold plated contacts

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Item description

