

Product sheet

Miniature connector



Product	Contacts: 7 DIN, Female cable connector with solder eye, shieldable, cable outlet 4 - 6 mm	Area	M16 IP40 Series 581
Pole	7	Article number	99 2582 00 07

Illustration	Scale drawing	Contact Arrangement																								
		<table border="1" style="margin-left: auto; margin-right: auto;"> <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> <tr><td>4</td><td>-2,47</td><td>2,47</td></tr> <tr><td>5</td><td>2,47</td><td>2,47</td></tr> <tr><td>6</td><td>-2,47</td><td>-2,47</td></tr> <tr><td>7</td><td>2,47</td><td>-2,47</td></tr> </tbody> </table>		X	Y	1	-3,50	0,00	2	0,00	3,50	3	3,50	0,00	4	-2,47	2,47	5	2,47	2,47	6	-2,47	-2,47	7	2,47	-2,47
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You can find the item description on the next page.

Technical data

Common values

Connector Design	Female cable 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	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	5 A
Volume resistivity	≤ 5 mΩ
EMV compliance	shielded
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Ag (Silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	CuZn (Brass nickel-plated)

Contacts: 7 DIN, Female cable connector with solder eye, shieldable, cable outlet 4 - 6 mm, silver plated contacts

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