

Product sheet

Miniature connector



Product	Contacts: 12, Cable plug connector, shielded	Area	M16 IP67 Series 425
Pole	12	Article number	79 6129 20 12

Illustration	Scale drawing	Contact Arrangement																								
		<table style="margin-left: 20px;"> <tr><td>A</td><td>weiß</td></tr> <tr><td>B</td><td>braun</td></tr> <tr><td>C</td><td>grün</td></tr> <tr><td>D</td><td>gelb</td></tr> <tr><td>E</td><td>grau</td></tr> <tr><td>F</td><td>rosa</td></tr> <tr><td>G</td><td>blau</td></tr> <tr><td>H</td><td>rot</td></tr> <tr><td>J</td><td>schwarz</td></tr> <tr><td>K</td><td>violett</td></tr> <tr><td>L</td><td>grau/rosa</td></tr> <tr><td>M</td><td>rot/blau</td></tr> </table>	A	weiß	B	braun	C	grün	D	gelb	E	grau	F	rosa	G	blau	H	rot	J	schwarz	K	violett	L	grau/rosa	M	rot/blau
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Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	solder, injection-moulded cable
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Cable outlet	-
Upper temperature	70 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PE
Single lead structure	14x0.15 mm
Cable sheath Ø	7.8
Bending radius cable fixed	78 mm
Bending radius cable movable	117 mm
Cable diameter	7.8

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shielded
Degree of protection	IP67
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	PUR

Contacts: 12, Cable: 12 x 0.25 mm², cable plug connector, shielded