

Product	<b>Contacts: 14, female cable connector</b>	Area	<b>M16 IP67 Series 425</b>
Pole	<b>14</b>	Article number	<b>79 6052 20 14</b>

Illustration	Scale drawing	Contact Arrangement
		<ul style="list-style-type: none"> <li>A braun 0,5 mm<sup>2</sup></li> <li>C -</li> <li>E schwarz</li> <li>G rosa</li> <li>J grün</li> <li>L blau 0,5 mm<sup>2</sup></li> <li>M gebrückt mit A</li> <li>N -</li> <li>O violett</li> <li>P weiß</li> <li>R rot</li> <li>S grau</li> <li>T gelb</li> <li>U gebrückt mit L</li> </ul>

## Technical data

### Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	solder, injection-moulded cable
Wire gauge (mm)	0.25/0.5 mm <sup>2</sup>
Wire gauge (AWG)	24/20
Cable outlet	-
Upper temperature	70 °C
Lower temperature	-25 °C

### Cable data

material housing	PUR
Insulation single lead	PVC
Single lead structure	32x0.1 63x0.1 mm
Cable sheath Ø	8
Bending radius cable fixed	80 mm
Bending radius cable movable	120 mm
Cable diameter	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	not shielded
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

### Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PUR

Contacts: 14, Cable: 8 x 0.25 mm<sup>2</sup>, 2 x 0.5 mm<sup>2</sup>, female cable connector