

Product	Contacts: 6 DIN, Female angled connector, shielded	Area	M16 IP67 Series 425
Pole	6 DIN	Article number	79 6318 200 06

Illustration	Scale drawing	Contact Arrangement												
		<table style="margin-left: auto; margin-right: 0;"> <tr><td>1</td><td>weiß/white</td></tr> <tr><td>2</td><td>braun/brown</td></tr> <tr><td>3</td><td>blau/blue</td></tr> <tr><td>4</td><td>schwarz/black</td></tr> <tr><td>5</td><td>grau/grey</td></tr> <tr><td>6</td><td>grün/green</td></tr> </table>	1	weiß/white	2	braun/brown	3	blau/blue	4	schwarz/black	5	grau/grey	6	grün/green
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Technical data

<h3 style="color: red; margin: 0;">Common values</h3> <table border="0"> <tr><td>Connector Design</td><td>Female angled connector</td></tr> <tr><td>Connector locking system</td><td>screw</td></tr> <tr><td>Termination</td><td>overmoulded on cable</td></tr> <tr><td>Wire gauge (mm)</td><td>0.25 mm²</td></tr> <tr><td>Wire gauge (AWG)</td><td>24</td></tr> <tr><td>Upper temperature</td><td>70 °C</td></tr> <tr><td>Lower temperature</td><td>-25 °C</td></tr> </table> <h3 style="color: red; margin: 10px 0;">Cable data</h3> <table border="0"> <tr><td>material housing</td><td>PUR</td></tr> <tr><td>Insulation single lead</td><td>PVC</td></tr> <tr><td>Single lead structure</td><td>14 x 0.15 mm</td></tr> <tr><td>Cable sheath Ø</td><td>5.3</td></tr> <tr><td>Temperature range cable movable c from</td><td>-5</td></tr> <tr><td>Temperature range cable movable c to</td><td>70</td></tr> <tr><td>Temperature range cable fixed c from</td><td>-20</td></tr> <tr><td>Temperature range cable fixed c to</td><td>70</td></tr> <tr><td>Bending radius cable fixed</td><td>53 mm</td></tr> <tr><td>Bending radius cable movable</td><td>80 mm</td></tr> </table>	Connector Design	Female angled connector	Connector locking system	screw	Termination	overmoulded on cable	Wire gauge (mm)	0.25 mm ²	Wire gauge (AWG)	24	Upper temperature	70 °C	Lower temperature	-25 °C	material housing	PUR	Insulation single lead	PVC	Single lead structure	14 x 0.15 mm	Cable sheath Ø	5.3	Temperature range cable movable c from	-5	Temperature range cable movable c to	70	Temperature range cable fixed c from	-20	Temperature range cable fixed c to	70	Bending radius cable fixed	53 mm	Bending radius cable movable	80 mm	<h3 style="color: red; margin: 0;">Electrical values</h3> <table border="0"> <tr><td>Rated voltage</td><td>250 V</td></tr> <tr><td>Rated impulse voltage</td><td>1500 V</td></tr> <tr><td>Pollution degree</td><td>1</td></tr> <tr><td>Overvoltage category</td><td>I</td></tr> <tr><td>Material group</td><td>III</td></tr> <tr><td>Rated current (40°C)</td><td>3 A</td></tr> <tr><td>Volume resistivity</td><td>≤ 3 mΩ</td></tr> <tr><td>EMV compliance</td><td>shielded</td></tr> <tr><td>Degree of protection</td><td>IP67</td></tr> <tr><td>Mechanical operation</td><td>> 500 mating cycles</td></tr> </table> <h3 style="color: red; margin: 10px 0;">Material</h3> <table border="0"> <tr><td>Material of contact</td><td>CuSn (Bronze)</td></tr> <tr><td>Contact plating</td><td>Au (Gold)</td></tr> <tr><td>Material of contact body</td><td>PBT (UL 94 V-0)</td></tr> <tr><td>Material of housing</td><td>PUR</td></tr> </table>	Rated voltage	250 V	Rated impulse voltage	1500 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 of contact	CuSn (Bronze)	Contact plating	Au (Gold)	Material of contact body	PBT (UL 94 V-0)	Material of housing	PUR
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