

Product	Contacts: 4+PE, Cable plug connector with UL approval, with die-cast threaded ring, with pin marking in connecting area, cable outlet 6 - 8 mm, 10 - 12 mm, 4+PE	Area Article number	7/8" Series 820 99 2445 12 05
Pole			

Illustration	Scale drawing	Contact Arrangement																														
	<table border="1" style="margin: 10px auto;"> <tr> <th colspan="2">A</th> <th colspan="2">B</th> </tr> <tr> <td>6-8mm</td> <td>SW 16mm</td> <td>6-8mm</td> <td>SW 19mm</td> </tr> <tr> <td>10-12mm</td> <td>SW 21mm</td> <td>10-12mm</td> <td>SW 24mm</td> </tr> </table>	A		B		6-8mm	SW 16mm	6-8mm	SW 19mm	10-12mm	SW 21mm	10-12mm	SW 24mm	<table border="1" style="margin: 10px auto;"> <tr> <th></th> <th>X</th> <th>Y</th> </tr> <tr> <td>1</td> <td>3,94</td> <td>-2,28</td> </tr> <tr> <td>2</td> <td>3,94</td> <td>2,28</td> </tr> <tr> <td>3/⊕</td> <td>-</td> <td>4,54</td> </tr> <tr> <td>4</td> <td>-3,94</td> <td>2,28</td> </tr> <tr> <td>5</td> <td>-3,94</td> <td>-2,28</td> </tr> </table> <p style="font-size: small;"> 1 schwarz/black 2 blau/blue 3 grün/gelb/green/yellow 4 braun/brown 5 weiß/white </p>		X	Y	1	3,94	-2,28	2	3,94	2,28	3/⊕	-	4,54	4	-3,94	2,28	5	-3,94	-2,28
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You can find the item description and assembly instruction on the next page.

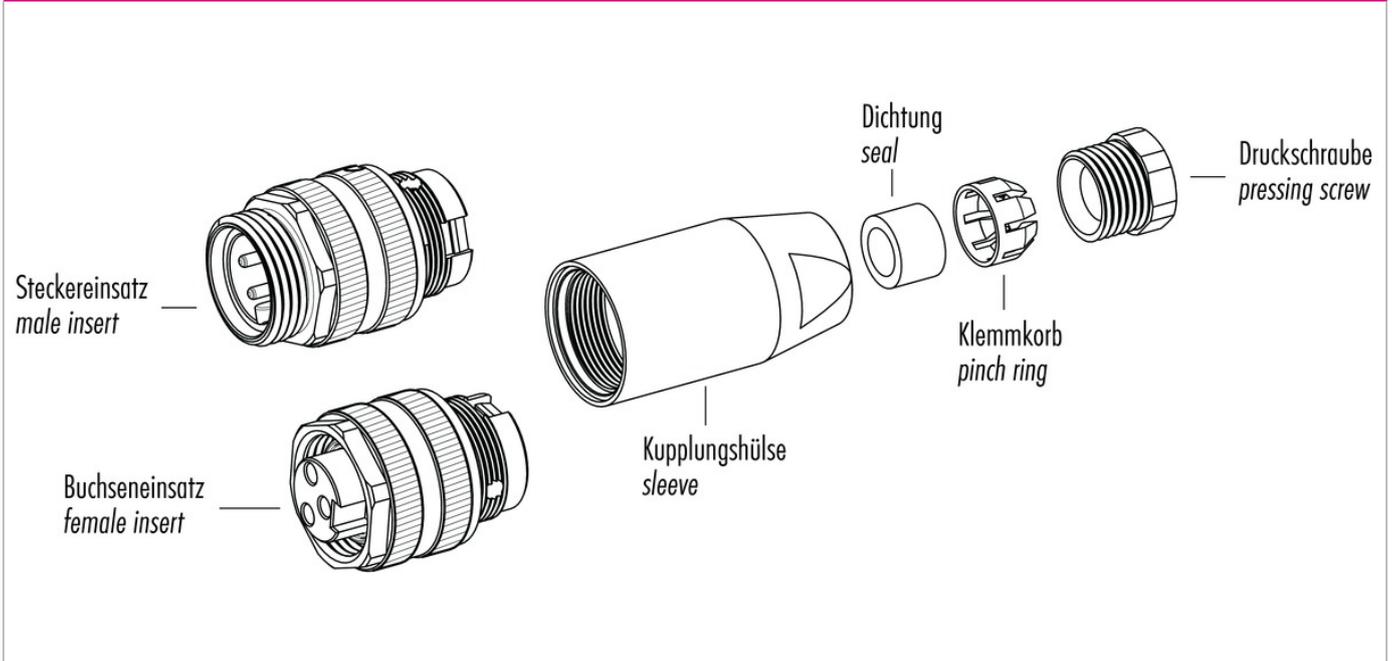
Technical data

<h3 style="color: #e91e63; margin: 0;">Common values</h3> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Connector Design</td> <td>Cable plug connector</td> </tr> <tr> <td>Connector locking system</td> <td>Screws 7/8" - 16 UN</td> </tr> <tr> <td>Termination</td> <td>Schrauben</td> </tr> <tr> <td>Wire gauge (mm)</td> <td>1.50 mm²</td> </tr> <tr> <td>Wire gauge (AWG)</td> <td>16</td> </tr> <tr> <td>Cable outlet</td> <td>6 - 8 mm</td> </tr> <tr> <td>Upper temperature</td> <td>85 °C</td> </tr> <tr> <td>Lower temperature</td> <td>-25 °C</td> </tr> </table> <h3 style="color: #e91e63; margin: 10px 0 0 0;">Cable data</h3> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">material housing</td> <td>-</td> </tr> <tr> <td>Insulation single lead</td> <td>-</td> </tr> <tr> <td>Single lead structure</td> <td>-</td> </tr> <tr> <td>Conductor resistance</td> <td>-</td> </tr> <tr> <td>Bending radius cable fixed</td> <td>-</td> </tr> <tr> <td>Bending radius cable movable</td> <td>-</td> </tr> </table>	Connector Design	Cable plug connector	Connector locking system	Screws 7/8" - 16 UN	Termination	Schrauben	Wire gauge (mm)	1.50 mm ²	Wire gauge (AWG)	16	Cable outlet	6 - 8 mm	Upper temperature	85 °C	Lower temperature	-25 °C	material housing	-	Insulation single lead	-	Single lead structure	-	Conductor resistance	-	Bending radius cable fixed	-	Bending radius cable movable	-	<h3 style="color: #e91e63; margin: 0;">Electrical values</h3> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Rated voltage</td> <td>300 V</td> </tr> <tr> <td>Rated impulse voltage</td> <td>4000 V</td> </tr> <tr> <td>Pollution degree</td> <td>3</td> </tr> <tr> <td>Overvoltage category</td> <td>III</td> </tr> <tr> <td>Material group</td> <td>III</td> </tr> <tr> <td>Rated current (40°C)</td> <td>9 A</td> </tr> <tr> <td>Volume resistivity</td> <td>≤ 3 mΩ</td> </tr> <tr> <td>EMV compliance</td> <td>-</td> </tr> <tr> <td>Degree of protection</td> <td>IP67</td> </tr> <tr> <td>Mechanical operation</td> <td>> 50 mating cycles</td> </tr> </table> <h3 style="color: #e91e63; margin: 10px 0 0 0;">Material</h3> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Material of contact</td> <td>CuZn (Brass)</td> </tr> <tr> <td>Contact plating</td> <td>Au (Gold)</td> </tr> <tr> <td>Material of contact body</td> <td>PUR, PA (UL 94 HB)</td> </tr> <tr> <td>Material of housing</td> <td>PBT (UL 94 V-0)</td> </tr> </table>	Rated voltage	300 V	Rated impulse voltage	4000 V	Pollution degree	3	Overvoltage category	III	Material group	III	Rated current (40°C)	9 A	Volume resistivity	≤ 3 mΩ	EMV compliance	-	Degree of protection	IP67	Mechanical operation	> 50 mating cycles	Material of contact	CuZn (Brass)	Contact plating	Au (Gold)	Material of contact body	PUR, PA (UL 94 HB)	Material of housing	PBT (UL 94 V-0)
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Item description



Installation instructions / Mounting cutout

