

Product	Contacts: 4+PE, Male panel mount connector with single wires and UL approval, PG 11, PG 13.5, M20 x 1.5	Area	7/8" Series 820/870
Pole	4+PE	Article number	09 2451 300 05

Illustration	Scale drawing	Contact Arrangement										
		<table style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>schwarz/black</td> </tr> <tr> <td>2</td> <td>blau/blue</td> </tr> <tr> <td>PE</td> <td>grün/gelb/green/yellow</td> </tr> <tr> <td>4</td> <td>braun/brown</td> </tr> <tr> <td>5</td> <td>weiß/white</td> </tr> </table>	1	schwarz/black	2	blau/blue	PE	grün/gelb/green/yellow	4	braun/brown	5	weiß/white
1	schwarz/black											
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You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male panel mount connector
Connector locking system	Screws 7/8" - 16 UN
Termination	Litzen
Wire gauge (mm)	0.82 mm ²
Wire gauge (AWG)	18
Upper temperature	85 °C
Lower temperature	-25 °C

Cable data

material housing	-
Insulation single lead	-
Single lead structure	-
Conductor resistance	-
Bending radius cable fixed	-
Bending radius cable movable	-

Electrical values

Rated voltage	300 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40°C)	8 A
Volume resistivity	≤ 5 mΩ
EMV compliance	-
Degree of protection	IP67
Mechanical operation	> 50 mating cycles

Material

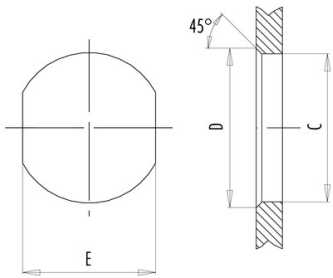
Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR (UL 94 HB)
Material of housing	Brass, nickel-plated zinc die casting

fixing thread: PG 13.5, Contacts: 4+PE, Male panel mount connector with single wires and UL approval

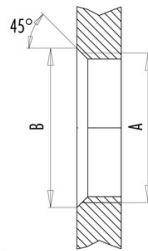
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Installation instructions / Mounting cutout

Mit Durchgangsbohrung/With bore hole



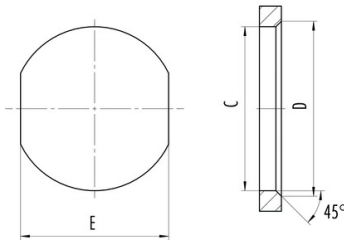
Mit Gewinde, einschraubbar/With thread to screw in



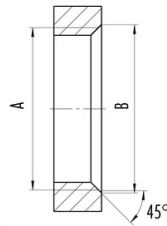
	A	B	C	D	E
PG11	PG11	20,2	18,7	20,2	17,0
PG13,5	PG13,5	22,0	20,5	22,0	18,8
M20x1,5	M20x1,5	21,6	20,1	21,6	17,8

alternativ/alternativ

Mit Durchgangsbohrung/With bore hole von vorn verschraubbar/front fastened



Mit Gewinde, einschraubbar/With thread to screw in



A	B	C	D	E
7/8-16UN-20	23	22,4	23,9	20,2
M26x1,5	27,3	26,2	27,7	24,2

alternativ/alternativ