

Product	<b>Contacts: 2+PE, Female panel mount connector, screwed from front, with single wires and UL approval</b>	Area	<b>7/8" Series 820/870</b>
Pole	<b>2+PE</b>	Article number	<b>09 2446 100 03</b>

Illustration	Scale drawing	Contact Arrangement
		<p>2 braun/brown PE grün/gelb/green/yellow 3 blau/blue</p>

You can find the assembly instruction on the next page.

## Technical data

### Common values

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

### Electrical values

Rated voltage	600 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40°C)	10 A
Volume resistivity	≤ 5 mΩ
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

### Cable data

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

### Material

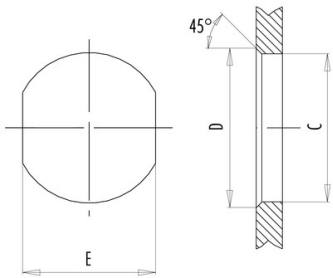
Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR (UL 94 HB)
Material of housing	Nickel-plated zinc die casting, nickel-plated brass

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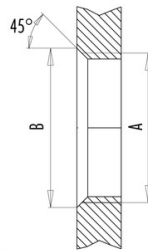
**Installation instructions / Mounting cutout**

Mit Durchgangsbohrung/With bore hole



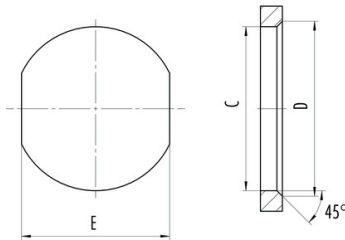
alternativ/alternativ

Mit Gewinde, einschraubbar/With thread to screw in



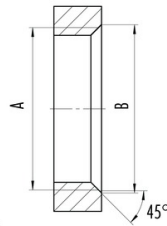
	A	B	C	D	E
PG11	PG11	20,2	18,7	20,2	17,0
PG13,5	PG13,5	22,0	20,5	22,0	18,8
M20x1,5	M20x1,5	21,6	20,1	21,6	17,8

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



alternativ/alternativ

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