

Product **Contacts: 4, Fixing thread: PG 11, male panel mount connector with single wires, UL approval**

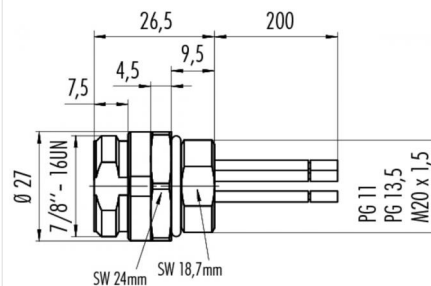
Area **7/8" Series 820/870**

Article number **09 2449 310 04**

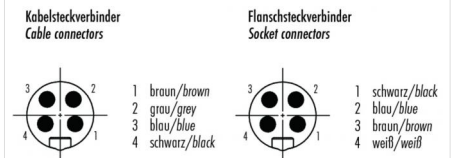
### Illustration



### Scale drawing



### Contact Arrangement



**You can find the assembly instruction on the next page.**

## Technical data

### General features

|                          |                            |
|--------------------------|----------------------------|
| Connector Design         | male panel mount connector |
| Connector locking system | bolted                     |
| Termination              | single wires               |
| Wire gauge (mm)          | 0,82 mm <sup>2</sup>       |
| Wire gauge (AWG)         | 18                         |
| Upper temperature        | 85 °C                      |
| Lower temperature        | -25 °C                     |

### Cable data

|            |    |
|------------|----|
| Approval 1 | UL |
|------------|----|

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 4000 V              |
| Pollution degree      | 3                   |
| Overvoltage category  | III                 |
| Material group        | III                 |
| Rated current (40°C)  | 8 A                 |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | not shielded        |
| Degree of protection  | IP67                |
| Mechanical operation  | > 100 Mating cycles |

### Material

|                          |                    |
|--------------------------|--------------------|
| Material of contact      | CuZn (Messing)     |
| Contact plating          | Au (gold)          |
| Material of contact body | PUR, PA (UL 94 HB) |

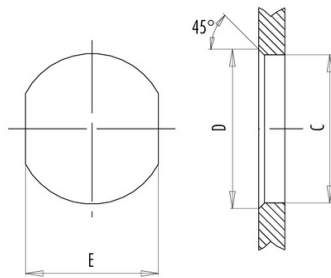
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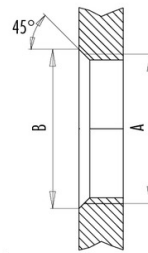
## Installation instructions / Mounting cutout

Mit Durchgangsbohrung/With bore hole



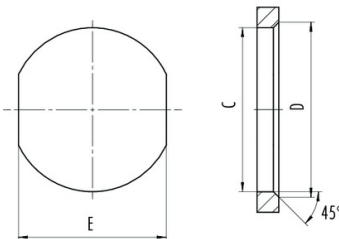
alternativ/alternativ

Mit Gewinde, einschraubbar/With thread to screw in



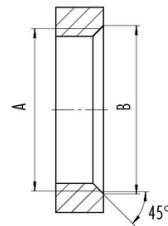
|         | A       | B    | C    | D    | E    |
|---------|---------|------|------|------|------|
| PG11    | PG11    | 20,2 | 18,7 | 20,2 | 17,0 |
| PG13,5  | PG13,5  | 22,0 | 20,5 | 22,0 | 18,8 |
| M20x1,5 | M20x1,5 | 21,6 | 20,1 | 21,6 | 17,8 |

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 |