

Product **Contacts: 2+PE, female panel mount connector, screwed from front, dip-solder contact, UL approval**

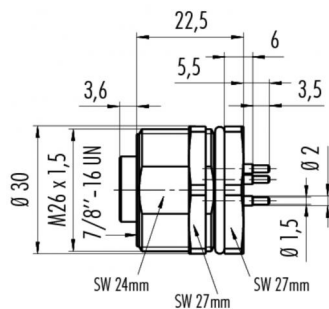
Area **7/8" Series 820/870**

Article number **09 2446 180 03**

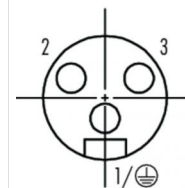
### Illustration



### Scale drawing



### Contact Arrangement



|     | X     | Y     |
|-----|-------|-------|
| 1/⊕ | -     | -2,36 |
| 2   | -3,94 | 2,26  |
| 3   | 3,94  | 2,26  |

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

## Technical data

### General features

|                          |                              |
|--------------------------|------------------------------|
| Connector Design         | female panel mount connector |
| Connector locking system | bolted                       |
| Termination              | dip-solder                   |
| Wire gauge (mm)          | -                            |
| Wire gauge (AWG)         | -                            |
| Cable outlet             | -                            |
| Upper temperature        | 85 °C                        |
| Lower temperature        | -25 °C                       |

### Cable data

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

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| 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              |
| 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 (UL 94 HB) |

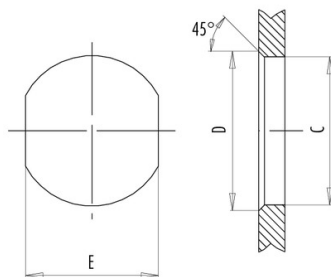
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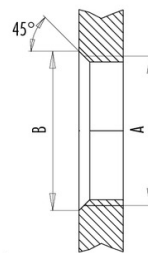
## Installation instructions / Mounting cutout

Mit Durchgangsbohrung/With bore hole



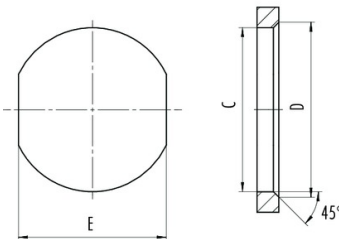
alternativ/alternativ

Mit Gewinde, einschraubbar/With thread to screw in



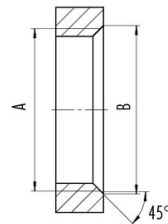
|         | A       | B    | C    | D    | E    |
|---------|---------|------|------|------|------|
| PG11    | PG11    | 20,2 | 18,7 | 20,2 | 17,0 |
| PG13,5  | PG13,5  | 22,0 | 20,5 | 22,0 | 18,8 |
| M20x1,5 | M20x1,5 | 21,6 | 20,1 | 21,6 | 17,8 |

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 |