

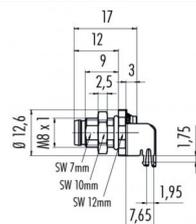
Product description **Contacts: 4, male panel mount connector angled, front mounting, with shielding sheet**

Area **M8 Series 768/718**  
Order number **09 3421 82 04**

### Illustration

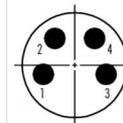


### Scale drawing



Leiterplattendicke: 1,6 mm  
Thickness of PCB: 1,6 mm

### Contact arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -1,70 | -0,50 |
| 2 | -1,08 | 1,45  |
| 3 | 1,70  | -0,50 |
| 4 | 1,08  | 1,45  |

- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black

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

## Technical data

### General values

|                         |                            |
|-------------------------|----------------------------|
| Connector design        | male panel mount connector |
| Termination             | dip-solder                 |
| Wire gauge (mm)         | -                          |
| Wire gauge (AWG)        | -                          |
| Upper limit temperature | 85 °C                      |
| Lower limit temperature | -40 °C                     |

### Electrical values

|                           |                     |
|---------------------------|---------------------|
| Rated voltage             | 60 V                |
| Rated impulse voltage     | 1500 V              |
| Pollution degree          | 3                   |
| Overvoltage category      | II                  |
| Insulating material group | II                  |
| Rated current (40 °C)     | 4 A                 |
| Volume resistivity        | ≤ 3 mΩ              |
| EMC compliance            | shieldable          |
| Degree of protection      | IP67                |
| Mechanical operation      | > 100 Mating cycles |

### Material

|                       |                           |
|-----------------------|---------------------------|
| Contact material      | CuZn (brass)              |
| Contact plating       | Au (gold)                 |
| Contact body material | PA                        |
| Housing material      | Zink Druckguss vernickelt |

|                     |   |
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**Assembly instructions / Panel cut-out**

1. Einbauvorschlag  
*1<sup>st</sup> Installation proposal*

Mit Fläche als Verdrehschutz  
*With flats as anti-rotation device*

2. Einbauvorschlag  
*2<sup>nd</sup> Installation proposal*

Mit Durchgangsbohrung  
*With bore hole*

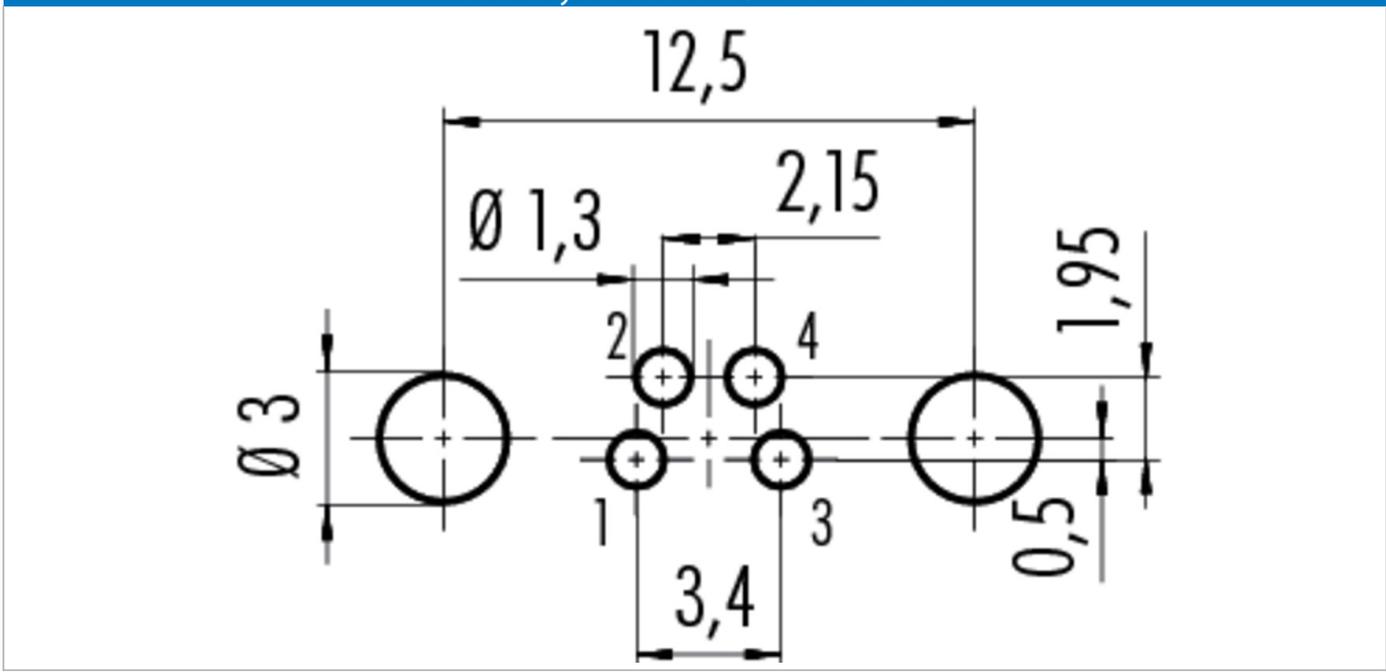
3. Einbauvorschlag  
*3<sup>rd</sup> Installation proposal*

Mit Gewinde, einschraubbar  
*With thread to screw in*

| Gewinde E/thread E | A    | B   | C   | D    |
|--------------------|------|-----|-----|------|
| M8 x 1             | 8,1  | 2,0 | 3,5 | 7,1  |
| M10 x 0,75         | 10,1 | 2,0 | 6,5 | 9,1  |
| M12 x 1            | 12,1 | 2,5 | 4,5 | 10,0 |

Anzugsdrehmoment/Tightening torque 1 Nm

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|                     |   |
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## Sicherheitshinweise

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications. Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.