

## Bus system T-connector - SAC-M12T/2XM12 PB DP F - 1543553

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Bus system T-connector, PROFIBUS DP, 5-position, Plug straight M12, B-coded, on Plug straight M12, B-coded and Socket straight M12, B-coded

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 STK                                                                                                   |
| GTIN         | <br>4 046356 098298 |
| GTIN         | 4046356098298                                                                                           |

### Technical data

#### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -40 °C ... 80 °C (Plug / socket) |
|                                 | 250 °C (Short-term)              |
| Degree of protection            | IP67                             |

#### General

|                             |             |
|-----------------------------|-------------|
| Rated voltage               | 30 V        |
| Number of positions         | 5           |
| Signal type/category        | PROFIBUS DP |
| Insertion/withdrawal cycles | ≥ 100       |

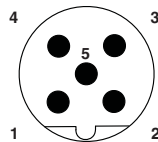
#### Material

|                          |                     |
|--------------------------|---------------------|
| Contact material         | CuZn                |
| Contact surface material | Au                  |
| Contact carrier material | PUR                 |
| Material of grip body    | PUR                 |
| Material, knurls         | Nickel-plated brass |

### Drawings

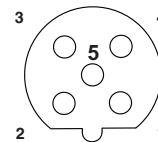
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Schematic diagram



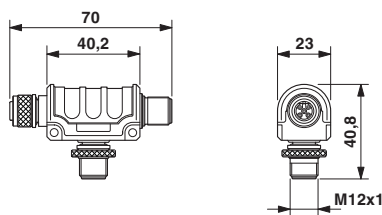
Pin assignment M12 male connector, 5-pos., B-coded, male side

Schematic diagram



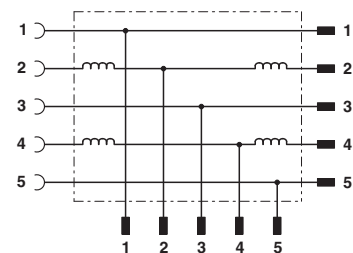
Pin assignment M12 socket, 5-pos., B-coded, female side

Dimensional drawing



M12 T distributor

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

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