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| 22260761 | DATA SHEET |  |
| Valid from: 17.09.2018 | AB-C2-M12T-2XM 12FS PB | |

Description

- Bus system T-connector
- 5-pos., shielded, PROFIBUS
- M12 plug B-coded on M12 plug B-coded and M12 socket B-coded



General characteristics

| | |
|---------------------------------|-------------------------------|
| Ambient Temperature (operation) | -25 to +80 °C (-13 to 176 °F) |
| Degree of Protection | IP 65 / IP 67 |
| Number of pins | 4 |
| Coding | B-invers |
| Status display | No |

Mechanical characteristics

| | |
|---|---------------------|
| Contact carrier, material | PUR |
| Grip body, material | PUR |
| Knurl, material | Nickel-plated brass |
| Seal, material | Viton |
| Inflammability class according to UL 94 | V0 |
| Torque | 0.4 Nm (M12-plug) |

Electrical characteristics

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|------------------------|--------------|
| Nominal voltage U_N | 60 V |
| Nominal current I_N | 4 A |
| Surge voltage category | II |
| Pollution degree | 3 |
| Contact resistance | 5 m Ω |
| Insulation resistance | 1 G Ω |

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| Creator: MOKO2/PDP | Document: DB22260761EN | Page 1 of 2 |
| Released: IVSE1/PDP | Version: 03 | |

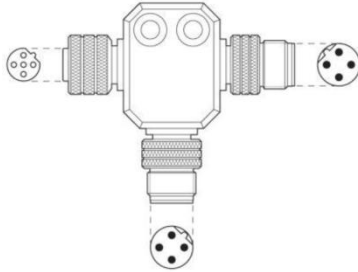
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PD 0019/05_04.18EN

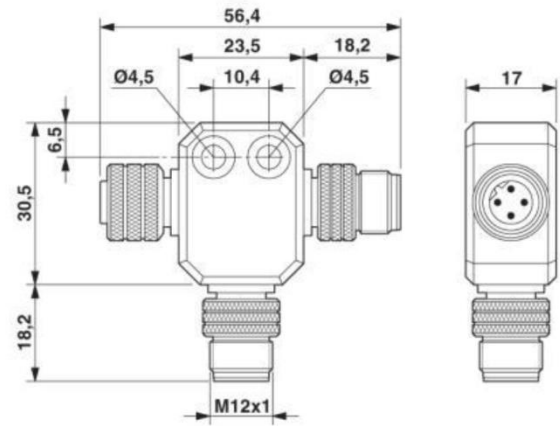
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Technical Drawing

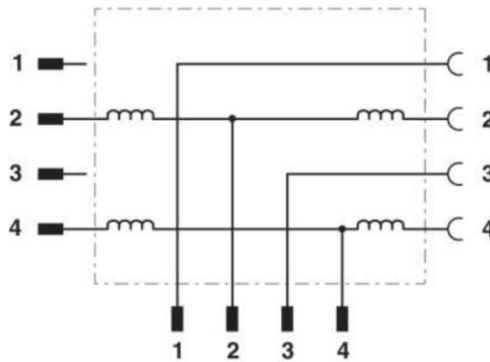
Schematic diagram: Layout of connector pin assignments



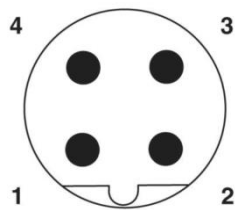
Dimensional drawing: M12-T-distributor



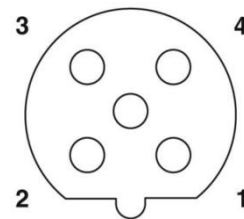
Circuit diagram: Contact assignment of the M12 plug and the M12 socket



Schematic diagram: Pin assignment of M12 male connector, 4-pos., B-coded



Schematic diagram: Pin assignment M12 socket, 4-pos., B-coded



Application range

Machine and equipment manufacturing

Remark

Photographs are not to scale and do not represent detailed images of the respective products..

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| Creator: MOKO2/PDP Released: IVSE1/PDP | Document: DB22260761EN Version: 03 | Page 2 of 2 |
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