

T distributor - SAC-5PT-FB/2XMB PBDP SH - 1424711

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T distributor, PROFIBUS DP (12 Mbps), 5-position, shielded, Socket straight M12, B-coded, on Plug straight M12, B-coded and Plug straight M12, B-coded

Why buy this product

- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 376745 |
| GTIN | 4055626376745 |

Technical data

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
| Degree of protection | IP65 |
| | IP67 |

General

| | |
|-----------------------|-------------------------------|
| Rated current at 40°C | 1 A (Contact 2 and 4) |
| | 4 A (Contact 1 and 3) |
| Rated voltage | 60 V DC |
| Number of positions | 5 |
| Coding | B-coded |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Signal type/category | PROFIBUS DP, 12 Mbps |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |

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Technical data

General

| | |
|-----------------------------|------------------------|
| Insertion/withdrawal cycles | ≥ 100 |
| Torque | 0.4 Nm (M12 connector) |

Material

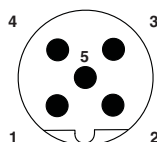
| | |
|--|------------------------------|
| Flammability rating according to UL 94 | V0 |
| Contact material | CuZn (pin) / CuSn (socket) |
| Contact surface material | Ni/Au |
| Contact carrier material | PBT |
| Material of grip body | PBT |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | Viton |

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M12 connector |
| Standards/regulations | IEC 61076-2-101 |
| Flammability rating according to UL 94 | V0 |

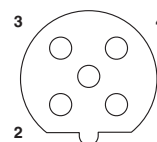
Drawings

Schematic diagram



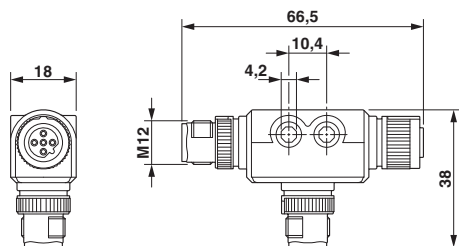
Pin assignment M12 male connector, 5-pos., B-coded, male side

Schematic diagram



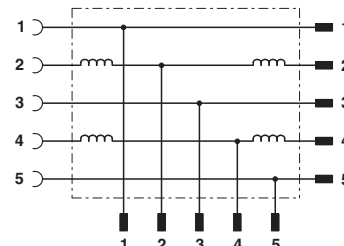
Pin assignment M12 socket, 5-pos., B-coded, female side

Dimensional drawing



M12 T distributor

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

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