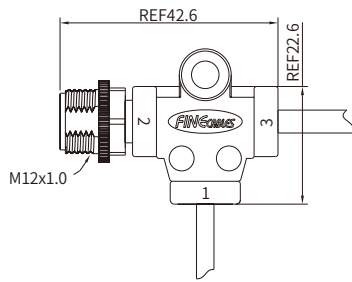


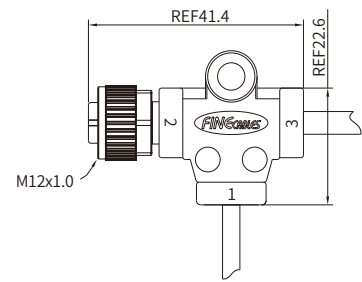
M12 Splitter

M12 T-Splitter, with Molded Cable

Male



Female



Specifications

| Contacts | | 3 | 4 | 5 | 8 |
|-------------------------------|---|---|---|-----------------------------|---|
| Pin layout (Male / Female) | A | | | | |
| | B | | | | |
| | D | | | | |
| Standard | IEC 61076-2-101 | | | | |
| Ambient temperature | -25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation) | | | | |
| Connector insert | TPU | | | | |
| Connector contacts | Brass with gold plated | | | | |
| Coupling nut/screw | Zinc alloy with nickel plated | | | | |
| Connector overmold | TPU | | | | |
| Seal/O-ring | FKM | | | | |
| Insulation resistance | ≥ 100MΩ | | | | |
| Contact resistance | ≤ 5mΩ | | | | |
| Shielding | Unavailable | | | | |
| IP rating | IP67, IP68 in locked condition | | | | |
| Mating endurance | >500 cycles | | | | |
| Rated current | 4 A | | | 2 A | |
| Rated voltage | 250V AC/DC | | | 60V AC/DC | |
| Wire gauge | 0.34mm ² (AWG22) | | | 0.25mm ² (AWG24) | |
| Cable jacket | PVC/PUR | | | | |

Part Number

| Pins | Cable length | Male | | Female | |
|------|--------------|-------------------|-------------------|-------------------|-------------------|
| | | PVC | PUR | PVC | PUR |
| 3 | 1m | MTC-MAHD03-10CB34 | MTC-MAHD03-10RB34 | MTC-FAHD03-10CB34 | MTC-FAHD03-10RB34 |
| | 3m | MTC-MAHD03-30CB34 | MTC-MAHD03-30RB34 | MTC-FAHD03-30CB34 | MTC-FAHD03-30RB34 |
| | 1m | MTC-MBHD03-10CB34 | MTC-MBHD03-10RB34 | MTC-FBHD03-10CB34 | MTC-FBHD03-10RB34 |
| | 3m | MTC-MBHD03-30CB34 | MTC-MBHD03-30RB34 | MTC-FBHD03-30CB34 | MTC-FBHD03-30RB34 |
| 4 | 1m | MTC-MAHD04-10CB34 | MTC-MAHD04-10RB34 | MTC-FAHD04-10CB34 | MTC-FAHD04-10RB34 |
| | 3m | MTC-MAHD04-30CB34 | MTC-MAHD04-30RB34 | MTC-FAHD04-30CB34 | MTC-FAHD04-30RB34 |
| | 1m | MTC-MBHD04-10CB34 | MTC-MBHD04-10RB34 | MTC-FBHD04-10CB34 | MTC-FBHD04-10RB34 |
| | 3m | MTC-MBHD04-30CB34 | MTC-MBHD04-30RB34 | MTC-FBHD04-30CB34 | MTC-FBHD04-30RB34 |
| | 1m | MTC-MDHD04-10CB34 | MTC-MDHD04-10RB34 | MTC-FDHD04-10CB34 | MTC-FDHD04-10RB34 |
| | 3m | MTC-MDHD04-30CB34 | MTC-MDHD04-30RB34 | MTC-FDHD04-30CB34 | MTC-FDHD04-30RB34 |
| 5 | 1m | MTC-MAHD05-10CB34 | MTC-MAHD05-10RB34 | MTC-FAHD05-10CB34 | MTC-FAHD05-10RB34 |
| | 3m | MTC-MAHD05-30CB34 | MTC-MAHD05-30RB34 | MTC-FAHD05-30CB34 | MTC-FAHD05-30RB34 |
| | 1m | MTC-MBHD05-10CB34 | MTC-MBHD05-10RB34 | MTC-FBHD05-10CB34 | MTC-FBHD05-10RB34 |
| | 3m | MTC-MBHD05-30CB34 | MTC-MBHD05-30RB34 | MTC-FBHD05-30CB34 | MTC-FBHD05-30RB34 |
| 8 | 1m | MTC-MAHD08-10CB25 | MTC-MAHD08-10RB25 | MTC-FAHD08-10CB25 | MTC-FAHD08-10RB25 |
| | 3m | MTC-MAHD08-30CB25 | MTC-MAHD08-30RB25 | MTC-FAHD08-30CB25 | MTC-FAHD08-30RB25 |

Circuit diagram

