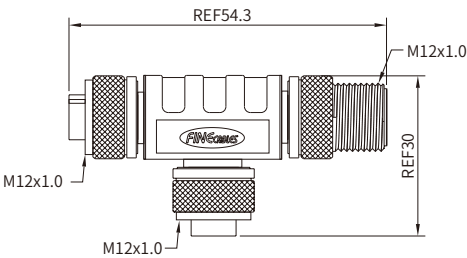


# M12 Splitter



## M12 T-Splitter, Female-Male-Female, Shielded



### Specifications

| Contacts                      |   | 3                              | 4 | 5 | 8         |
|-------------------------------|---|--------------------------------|---|---|-----------|
| Pin layout<br>(Male / Female) | A |                                |   |   |           |
|                               | B |                                |   |   |           |
|                               | D |                                |   |   |           |
| Standard                      |   | IEC 61076-2-101                |   |   |           |
| Ambient temperature           |   | -25°C ~ +85°C                  |   |   |           |
| Connector insert              |   | TPU; PA                        |   |   |           |
| Connector contacts            |   | Brass with gold plated         |   |   |           |
| Coupling nut/screw            |   | Brass with nickel plated       |   |   |           |
| Connector overmold            |   | TPU                            |   |   |           |
| Seal/O-ring                   |   | Epoxy resin/FKM                |   |   |           |
| Insulation resistance         |   | ≥100MΩ                         |   |   |           |
| Contact resistance            |   | ≤5mΩ                           |   |   |           |
| Shielding                     |   | Available                      |   |   |           |
| IP rating                     |   | IP67, IP68 in locked condition |   |   |           |
| Mating endurance              |   | >500 cycles                    |   |   |           |
| Rated current                 |   | 4 A                            |   |   | 2 A       |
| Rated voltage                 |   | 250V AC/DC                     |   |   | 30V AC/DC |

### Part Number

| Pins | Female-Male-Female |
|------|--------------------|
| 3    | MTS-A03            |
|      | MTS-B03            |
| 4    | MTS-A04            |
|      | MTS-B04            |
|      | MTS-D04            |
| 5    | MTS-A05            |
|      | MTS-B05            |
| 8    | MTS-A08            |

### Circuit diagram

