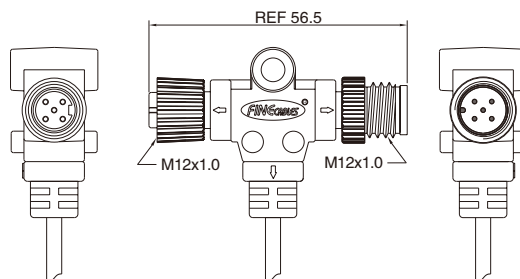


## M12 Plastic T-Splitter, Male-Female, Molded Cable

- Connector series: M12
- Gender: Male&Female
- Coding: A,B,D
- Locking type: Plastic fix screw
- Mounting type: T type
- Part No.: MTC-MF\*P\*\*-XXXXXX

\* refers to coding type  
 \*\* refers to pins number  
 X refers to cable specification



### General information

Standard:	IEC 61076-2-101
Ambient temperature:	-20°C ~ + 80°C
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	PA+GF
Connector overmold:	TPU
Seal/O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Contacts	Available Coding			Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D		A/C	D/C	AWG	mm <sup>2</sup>		
03 pins	 Male  Female	 Male  Female		4A	250V	250V	22AWG	0.34	PUR/PVC	MTC-MFAP03- <u>XXX</u> B34 MTC-MFBP03- <u>XXX</u> B34
04 pins	 Male  Female	 Male  Female	 Male  Female	4A	250V	250V	22AWG	0.34	PUR/PVC	MTC-MFAP04- <u>XXX</u> B34 MTC-MFBP04- <u>XXX</u> B34 MTC-MFDP04- <u>XXX</u> B34
05 pins	 Male  Female	 Male  Female		4A	60V	60V	22AWG	0.34	PUR/PVC	MTC-MFAP05- <u>XXX</u> B34 MTC-MFBP05- <u>XXX</u> B34
08 pins	 Male  Female			2A	30V	30V	24AWG	0.25	PUR/PVC	MTC-MFAP08- <u>XXX</u> B25

Note: X refers to cable specification

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.