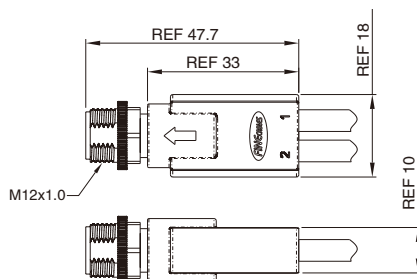


M12 Male Molded 2 Cables, Straight

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MT-015~021;
MT-049~052;
MT-079



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Coupling nut/screw:	Zinc alloy with nickel plated

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	C	D		A/C	D/C	AWG	mm ²		
03 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MT-015 (A-Coding) MT-018 (B-Coding) MT-049 (C-Coding)
04 pins					4A	250V	250V	22AWG	0.34	PUR / PVC	MT-016 (A-Coding) MT-019 (B-Coding) MT-050 (C-Coding) MT-021 (D-Coding)
05 pins					4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC	MT-017 (A-Coding) MT-020 (B-Coding) MT-051 (C-Coding)
06 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MT-052 (C-Coding)
08 pins					2A	30V	30V	24AWG	0.25	PUR / PVC	MT-079 (A-Coding)
	Available										

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².