



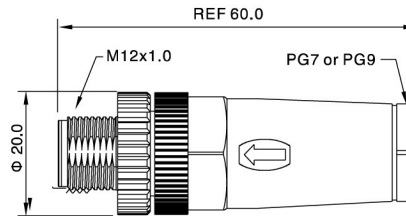
M12 Male Field Wirable Assembly, Straight, Screw joint, Plastic Screw

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Plastic fix screw
- Mounting type: Straight
- Part No.: MB12MW*FP**ST-X

* refers to coding type

** refers to pins number

X refers to Cable gland size: 3=PG9, 4=PG7



General information

Standard: IEC 61076-2-101

Ambient temperature: -25°C ~ +90°C

Connector insert: TPU

Connector contacts: Brass with gold plated

Connector nut/screw: PA+GF

Connector body: PA+GF

Seal / O-ring: FKM

Insulation resistance: $\geq 100M\Omega$

Contact resistance : $\leq 5m\Omega$

Shielding: Unavailable

Suitable cable Dia: PG7:4~6mm / PG9:6~8mm

IP rating: IP68 in locked condition

Assembly Instruction: Refer to page 284

Mating endurance: >500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWAFP03ST-X MB12MWBFP03ST-X
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWAFP04ST-X MB12MWBFP04ST-X MB12MWCFP04ST-X
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MWAFP05ST-X MB12MWBFP05ST-X
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MWAFP08ST-X

Note: X refers to Cable gland size: 3=PG9, 4=PG7

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.