



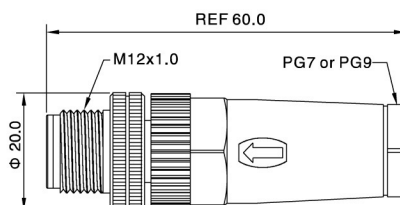
## M12 Male Field Wirable Assembly, Straight, Screw joint

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MW\*FF\*\*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	Insulation resistance:	≥ 100MΩ
Ambient temperature:	-25°C ~ +90°C	Contact resistance :	≤ 5mΩ
Connector insert:	TPU	Shielding:	Unavailable
Connector contacts:	Brass with gold plated	Suitable cable Dia:	PG7:4~6mm / PG9:6~8mm
Connector nut/screw:	Aluminum Alloy anodized	IP rating:	IP68 in locked condition
Connector body:	PA+GF	Assembly Instruction:	Refer to page 284
Seal / O-ring:	FKM	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 <sup>2</sup>		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWAFF03ST-X MB12MWBF03ST-X
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWAFF04ST-X MB12MWBF04ST-X MB12MWCF04ST-X
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MWAFF05ST-X MB12MWBF05ST-X
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MWAFF08ST-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 mm<sup>2</sup>.
- Please refer to Page 96 for products' part number encoding rule.