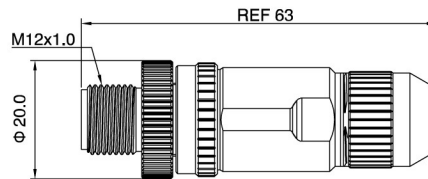




M12 Male Field Wirable Assembly, Straight, Screw joint, Shielded

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MWS*FF**ST-A
MB12MWS*FF**ST-B

* refers to coding type
** refers to pins number
– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101	Insulation resistance:	≥ 100MΩ
Ambient temperature:	-25°C ~ +90°C	Contact resistance :	≤ 5mΩ
Connector insert:	TPU	Shielding:	Available
Connector contacts:	Brass with gold plated	Suitable cable Dia:	A: 4~6mm; B: 6~8mm
Connector nut/screw:	Brass with nickel plated	IP rating:	IP68 in locked condition
Connector body:	Zinc alloy with nickel plated	Assembly Instruction:	Refer to page 285
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 ²		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF03ST-A/B MB12MWSBFF03ST-A/B
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF04ST-A/B MB12MWSBFF04ST-A/B MB12MWSDF04ST-A/B
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF05ST-A/B MB12MWSBFF05ST-A/B
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MWSAFF08ST-A/B

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.