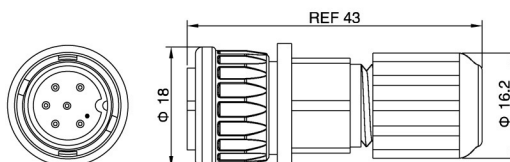




## M12 Male Field Wirable Assembly, Straight, Quick-lock Type, With Fix-cap

- Connector series: M12
- Gender: Male
- Locking type: Quick-lock
- Mounting type: Plastic mounting
- Part No.: MB12MAAFQ\*\*ST

\*\* refers to pins number



### General information



Ambient temperature:	-25°C ~ +90°C
Connector insert/body:	PA + GF
Connector contacts:	Brass with gold plated
Quick-lock Fix-cap:	PA + GF
O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
Suitable cable Dia:	3.0~6.0mm
IP rating:	IP65, IP68 in locked condition
Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
				A/C	D/C	AWG	mm <sup>2</sup>		
04 pins		Solder version	4A	250V	250V	22AWG	0.34	PUR / PVC	MB12MAAFQ04ST
06 pins		Solder version	4A	60V	60V	22AWG	0.34	PUR / PVC	MB12MAAFQ06ST

### 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.