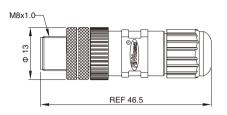




# M8 Male Field Wirable Assembly, Straight, Solder

- Connector series: M8
- Gender: Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB08MA\*FF\*\*ST
  - \* refers to coding type \*\* refers to pins number





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#### General information

Standard:	IEC 61076-2-104
Ambient temperature:	-25 ℃ ~ +90 ℃
Connector insert/body:	TPU; PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
Suitable cable Dia:	3.5~5.0mm
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Con	tacts	Contacts termination	Rated current	Volt A/C	tage D/C	Wire gau AWG	uge / size mm²	-Cable jacket	Part No.
03 pins	(A-coding)	Solder version	ЗA	50V	60V	24AWG	0.25	PUR / PVC	MB08MAAFF03ST
04 pins	(A-coding)	Solder version	ЗA	50V	60V	24AWG	0.25	PUR / PVC	MB08MAAFF04ST
05 pins	(B-coding)	Solder version	3A	30V	30V	24AWG	0.25	PUR / PVC	MB08MABFF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PUR / PVC	MB08MAAFF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PUR / PVC	MB08MAAFF08ST

#### 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 22 for products' part number encoding rule.

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## M8 Female Field Wirable Assembly, Straight, Solder

- Connector series: M8
- Gender: Female
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB08FA\*FF\*\*ST
  - \* refers to coding type \*\* refers to pins number

# M8x1.0



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#### General information

Seal / O-ring:	FKM
Connector nut/screw:	Brass with nickel plated
Connector contacts:	Brass with gold plated
Connector insert/body:	TPU; PA
Ambient temperature:	-25 ℃ ~ +90 ℃
Standard:	IEC 61076-2-104

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
Suitable cable Dia:	3.5~5.0mm
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Con	tacts	Contacts termination	Rated current	Volt A/C	age D/C	Wire gau AWG	ıge / size mm²	-Cable jacket	Part No.
03 pins	(A-coding)	Solder version	ЗA	50V	60V	24AWG	0.25	PUR / PVC	MB08FAAFF03ST
04 pins	(A-coding)	Solder version	ЗA	50V	60V	24AWG	0.25	PUR / PVC	MB08FAAFF04ST
05 pins	(B-coding)	Solder version	ЗA	30V	30V	24AWG	0.25	PUR / PVC	MB08FABFF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PUR / PVC	MB08FAAFF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PUR / PVC	MB08FAAFF08ST

#### 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 22 for products' part number encoding rule.







## M8 Male Field Wirable Assembly, Straight, Screw joint, Shielded

- Connector series: M8
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB08MWSAFF\*\*ST-A MB08MWSAFF\*\*ST-B
  - \*\* refers to pins number
  - suitable cable Dia: A: 3.5~4.5mm
  - B: 4.5~5.5mm

#### General information

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Standard:	IEC 61076-2-104
Ambient temperature:	-25 °C ~ +90 °C
Connector insert/body:	PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Available
Suitable cable Dia:	A: 3.5~4.5mm, B: 4.5~5.5mm
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Com	Contacts		Rated	Rated Voltage		Wire gau	De ut Nie	
Con	Idelis	Contacts termination	current	A/C	D/C	AWG	mm²	Part No.
03 pins	(A-coding)	Screw joint	ЗA	50V	60V	24AWG	0.25	MB08MWSAFF03ST-A MB08MWSAFF03ST-B
04 pins	(A-coding)	Screw joint	ЗA	50V	60V	24AWG	0.25	MB08MWSAFF04ST-A MB08MWSAFF04ST-B

#### 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 22 for products' part number encoding rule.







## M8 Female Field Wirable Assembly, Straight, Screw joint, Shielded

- Connector series: M8
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB08FWSAFF\*\*ST-A MB08FWSAFF\*\*ST-B
  - \*\* refers to pins number
  - suitable cable Dia: A: 3.5~4.5mm
  - B: 4.5~5.5mm

#### General information

Standard:	IEC 61076-2-104
Ambient temperature:	-25 °C ~ +90 °C
Connector insert/body:	PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

ł	REF 43
REF Ф14 M8x1.0	



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Insulation resistance:	≥100MΩ				
Contact resistance:	≤5mΩ				
Shielding:	Available				
Suitable cable Dia:	A: 3.5~4.5mm, B: 4.5~5.5mm				
IP rating:	IP67 in locked condition				
Mating endurance:	>500 cycles				

### Electrical data & Mechanical data

Contacts		Contacts Rated termination current	Rated	Voltage		Wire gauge / size		Davit Na
			A/C	D/C	AWG	mm²	Part No.	
03 pins	(A-coding)	Screw joint	ЗA	50V	60V	24AWG	0.25	MB08FWSAFF03ST-A MB08FWSAFF03ST-B
04 pins	(A-coding)	Screw joint	ЗA	50V	60V	24AWG	0.25	MB08FWSAFF04ST-A MB08FWSAFF04ST-B

#### 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 22 for products' part number encoding rule.

