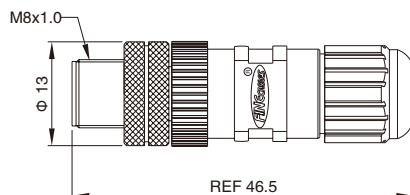


M8 Male Field Wirable Assembly, Straight, Solder

- 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



General information

Standard:	IEC 61076-2-104
Ambient temperature:	-25 °C ~ +90 °C
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

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
03 pins (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PUR / PVC	MB08MAAFF03ST
04 pins (A-coding)	Solder version	3A	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

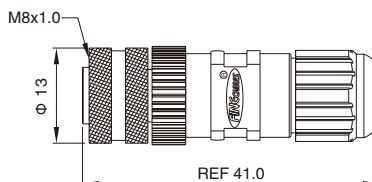
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 22 for products' part number encoding rule.

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



General information

Standard:	IEC 61076-2-104
Ambient temperature:	-25 °C ~ +90 °C
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

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
03 pins (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PUR / PVC	MB08FAAFF03ST
04 pins (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PUR / PVC	MB08FAAFF04ST
05 pins (B-coding)	Solder version	3A	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

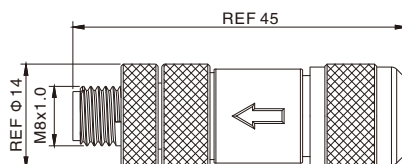
- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 22 for products' part number encoding rule.

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

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

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Part No.
			A/C	D/C	AWG	mm ²	
03 pins (A-coding)	Screw joint	3A	50V	60V	24AWG	0.25	MB08MWSAFF03ST-A MB08MWSAFF03ST-B
04 pins (A-coding)	Screw joint	3A	50V	60V	24AWG	0.25	MB08MWSAFF04ST-A MB08MWSAFF04ST-B

Remarks

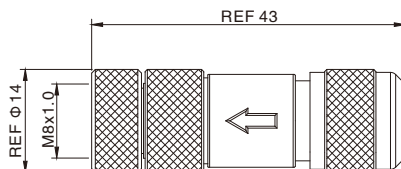
- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 22 for products' part number encoding rule.

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


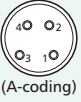


General information

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

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 termination	Rated current	Voltage		Wire gauge / size		Part No.
			A/C	D/C	AWG	mm ²	
03 pins  (A-coding)	Screw joint	3A	50V	60V	24AWG	0.25	MB08FWSAFF03ST-A MB08FWSAFF03ST-B
04 pins  (A-coding)	Screw joint	3A	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 mm².
- Please refer to Page 22 for products' part number encoding rule.