



M8 Male Panel Mount, Solder, Front fastened

• Connector series: M8

• Gender: Male

• Coding: A,B

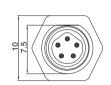
• Locking type: Fix screw

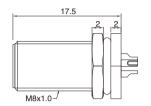
• Mounting type: Front fastened

• Part No.: MB08MS*FF**ST

* refers to coding type

** refers to pins number









■ General information

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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	Contacts		Rated Voltage current A/C D/C			Wire gauge / size AWG mm²		Wire insulation	Part No.
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFF03ST
04 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFF04ST
05 pins	(B-coding)	Solder version	3A	30V	30V	24AWG	0.25	PVC wire or customized	MB08MSBFF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08MSAFF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08MSAFF08ST

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.

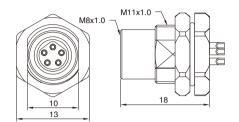






M8 Female Panel Mount, Solder, Front fastened

- Connector series: M8
- Gender: Female
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB08FS*FF**ST
 - * refers to coding type
 - ** refers to pins number









■ General information

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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	Contacts		Rated	Voltage		Wire gauge / size		Wire	Part No.
Con	lacis	termination	current	A/C	D/C	AWG	mm ²	insulation	Part NO.
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08FSAFF03ST
04 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08FSAFF04ST
05 pins	(B-coding)	Solder version	3A	30V	30V	24AWG	0.25	PVC wire or customized	MB08FSBFF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08FSAFF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08FSAFF08ST

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 Panel Mount, Solder, Rear fastened

• Connector series: M8

Gender: MaleCoding: A,B

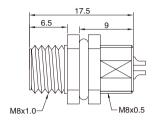
• Locking type: Fix screw

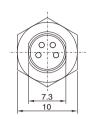
• Mounting type: Rear fastened

• Part No.: MB08MS*RF**ST

* refers to coding type

** refers to pins number









■ General information

Brass with nickel plated
Brass with gold plated
TPU
-25 ℃ ~ +90 ℃
IEC 61076-2-104

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts	Rated	Volt	tage	Wire ga	uge / size	Wire	Part No.
Con	ldClS	termination	current	A/C	D/C	AWG	mm ²	insulation	Part NO.
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARF03ST
04 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARF04ST
05 pins	(B-coding)	Solder version	3A	30V	30V	24AWG	0.25	PVC wire or customized	MB08MSBRF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08MSARF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08MSARF08ST

- 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 Panel Mount, Solder, Rear fastened

• Connector series: M8

• Gender: Female

• Coding: A,B

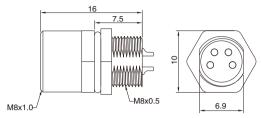
• Locking type: Fix screw

• Mounting type: Rear fastened

• Part No.: MB08FS*RF**ST

* refers to coding type

** refers to pins number









M8 cables & connectors

■ General information

IEC 61076-2-104
-25 °C ~ +90 °C
TPU
Brass with gold plated
Brass with nickel plated
Epoxy resin / FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cvcles

■ Electrical data & Mechanical data

Con	tacts	Contacts	Rated	Volt	tage	Wire ga	uge / size	Wire	Part No.
Con	lacis	termination	current	A/C	D/C	AWG	mm ²	insulation	rait NO.
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08FSARF03ST
04 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08FSARF04ST
05 pins	(B-coding)	Solder version	3A	30V	30V	24AWG	0.25	PVC wire or customized	MB08FSBRF05ST
06 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08FSARF06ST
08 pins	(A-coding)	Solder version	1.5A	30V	30V	26AWG	0.14	PVC wire or customized	MB08FSARF08ST

- 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 Panel Mount, Solder, Front fastened

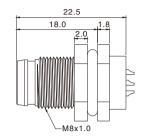
• Connector series: M8

Gender: MaleCoding: A

• Locking type: Snap-in

• Mounting type: Front fastened

• Part No.: MB08MSAFI**ST







■ General information

IEC 61076-2-104
-25 °C ~ +90 °C
TPU
Brass with gold plated
Brass with nickel plated
Epoxy resin / FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts	Rated	Voltage		Wire gauge / size		Wire	David Ma	
Con			termination current		D/C	AWG mm²		insulation	Part No.	
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFI03ST	
04 pins	(A-coding)	Solder version	ЗА	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFI04ST	

- 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.



^{**} refers to pins number







M8 Male Panel Mount, Solder, Rear fastened

• Connector series: M8

• Gender: Male

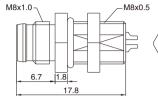
• Coding: A

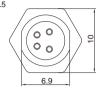
• Locking type: Snap-in

• Mounting type: Rear fastened

• Part No.: MB08MSARI**ST

** refers to pins number











■ General information

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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts Rated		Voltage		Wire gauge / size		Wire	Part No.
Con	ldClS	termination	current	A/C	D/C	AWG	mm²	insulation	Part NO.
03 pins	(A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARI03ST
04 pins	2 • • 4 • • • • • • • • • • • • • • • •	Solder version	ЗА	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARI04ST

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 Panel Mount, Solder, with LED indicator

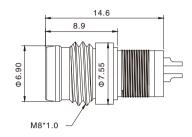
• Connector series: M8

• Gender: Male • Coding: A

• Locking type: Snap-in

• Mounting type: Front fastened

• Part No.: MB08MDAFI04ST







c**¶**us (€ RoHS ∰





■ General information

Standard:	IEC 61076-2-104
Ambient temperature:	-40 °C ~ + 80 °C
Connector insert:	PC
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition/
	IP65 snap-in
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Volt A/C	tage D/C	Wire gau	uge / size	Wire insulation	Part No.
		terrinia a ori	carrette	A/C	D/C	AVVG	mm ⁻	modiation	
04 pins + LED(red)	(A-coding)	Solder version	4A	10~30V	10~30V	24AWG	0.25	PVC wire or customized	MB08MDAFI04ST

- 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.

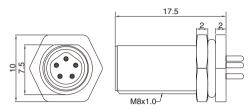






M8 Male Panel Mount, PCB Type, Front fastened

- Connector series: M8
- Gender: Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB08MB*FF**ST
 - * refers to coding type
 - ** refers to pins number









■ General information

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

In a color to the color to the color	> 100140
Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
PCB layout:	Refer to page 61
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Contacts	Rated	Volt	tage	Part No.
Con	ldClS	termination	current	A/C	D/C	Part NO.
03 pins	(A-coding)	PCB version	ЗА	50V	60V	MB08MBAFF03ST
04 pins	(A-coding)	PCB version	3A	50V	60V	MB08MBAFF04ST
05 pins	(B-coding)	PCB version	3A	30V	30V	MB08MBBFF05ST
06 pins	(A-coding)	PCB version	1.5A	30V	30V	MB08MBAFF06ST
08 pins	(A-coding)	PCB version	1.5A	30V	30V	MB08MBAFF08ST

■ Remarks

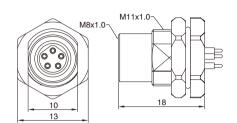






M8 Female Panel Mount, PCB Type, Front fastened

- Connector series: M8
- Gender: Female
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB08FB*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:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
PCB layout:	Refer to page 61
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Contacts Rated				Part No.
Con	ldClS	termination	current	A/C	D/C	Part NO.
03 pins	(A-coding)	PCB version	ЗА	50V	60V	MB08FBAFF03ST
04 pins	(A-coding)	PCB version	3A	50V	60V	MB08FBAFF04ST
05 pins	(B-coding)	PCB version	3A	30V	30V	MB08FBBFF05ST
06 pins	(A-coding)	PCB version	1.5A	30V	30V	MB08FBAFF06ST
08 pins	(A-coding)	PCB version	1.5A	30V	30V	MB08FBAFF08ST

■ Remarks







M8 Male Panel Mount, PCB Type, Front fastened

• Connector series: M8

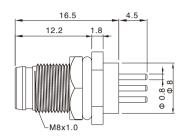
• Gender: Male • Coding: A

• Locking type: Snap-in

• Mounting type: Front fastened

• Part No.: MB08MBAFI**ST

** refers to pins number









■ General information

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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
PCB layout:	Refer to page 61
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Contacts	Rated	Volt	tage	Part No.
Con	ldClS	termination	current	A/C	D/C	Part NO.
03 pins	(A-coding)	PCB version	ЗА	50V	60V	MB08MBAFI03ST
04 pins	2	PCB version	3A	50V	60V	MB08MBAFI04ST

■ Remarks







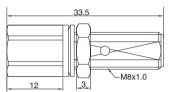
M8 Male to Female Panel Mount

Connector series: M8Gender: Male/female

• Coding: A,B

Locking type: Fix screwMounting type: StraightPart No.: MT-004~006









(€ RoHS (PST)



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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Rated			Part No.	
	Contacts		current	A/C	D/C	rait No.
03 pins (A-coding)	(Male)	(Female)	ЗА	50V	60V	MT-004
04 pins (A-coding)	(Male)	(Female)	3A	50V	60V	MT-005
05 pins (B-coding)	(Male)	(Female)	3A	30V	30V	MT-006







M8 Male Panel Mount, Angled, PCB Type, Front fastened, Shielded

• Connector series: M8

• Gender: Male • Coding: A,B

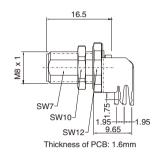
• Locking type: Fix screw

• Mounting type: Front fastened

• Part No.: MB08MBS*FF**RA

* refers to coding type

** refers to pins number









■ General information

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

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
PCB layout:	Refer to page 61
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Contacts	Rated	Volt	age	Part No.
Con	ldClS	termination	current	A/C	D/C	Part NO.
03 pins	(A-coding)	PCB version	3A	50V	60V	MB08MBSAFF03RA
04 pins	(A-coding)	PCB version	3A	50V	60V	MB08MBSAFF04RA
05 pins	(B-coding)	PCB version	3A	30V	30V	MB08MBSBFF05RA

■ Remarks







M8 Female Panel Mount, Angled, PCB Type, Front fastened, Shielded

• Connector series: M8

• Gender: Female

• Coding: A,B

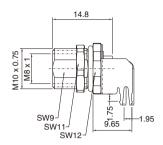
• Locking type: Fix screw

• Mounting type: Front fastened

• Part No.: MB08FBS*FF**RA

* refers to coding type

** refers to pins number









■ General information

IEC 61076-2-104
-25 °C ~ +90 °C
PA+GF
Brass with gold plated
Brass with nickel plated
Epoxy resin / FKM

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Panel cut-out:	Refer to page 62
PCB layout:	Refer to page 61
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts Rated Voltage		Part No.			
Con	ldClS	termination	current	A/C	D/C	Part No.	
03 pins	(A-coding)	PCB version	ЗА	50V	60V	MB08FBSAFF03RA	
04 pins	(A-coding)	PCB version	3A	50V	60V	MB08FBSAFF04RA	
05 pins	(B-coding)	PCB version	3A	30V	30V	MB08FBSBFF05RA	

■ Remarks

