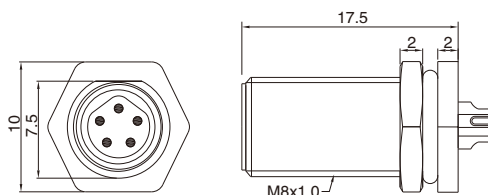


M8 Male Panel Mount, Solder, Front fastened

- 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

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 termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
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

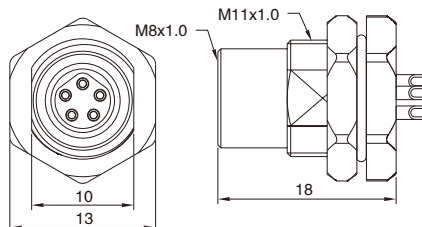
Remarks

- 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 °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 termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
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

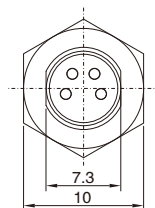
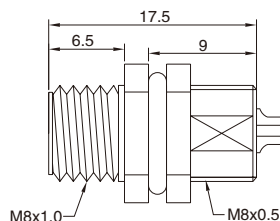
Remarks

- 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: Male
- Coding: 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

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 termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
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

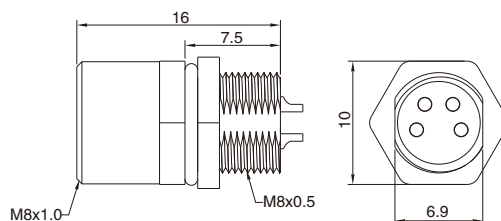
Remarks

- 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, 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



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 termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
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

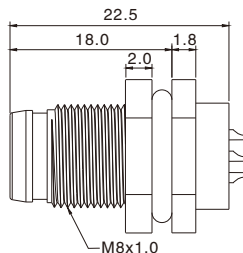
Remarks

- 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, Front fastened

- Connector series: M8
- Gender: Male
- Coding: A
- Locking type: Snap-in
- Mounting type: Front fastened
- Part No.: MB08MSAFI**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 termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
03 pins  (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFI03ST
04 pins  (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSAFI04ST

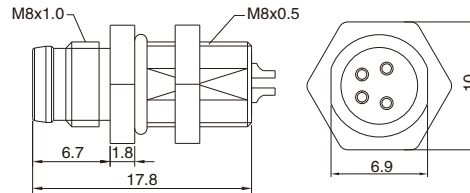
Remarks

- 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: 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

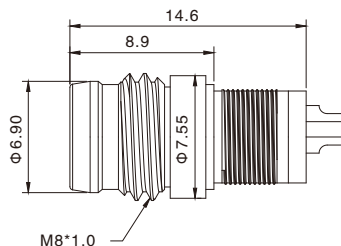
Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
03 pins (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARI03ST
04 pins (A-coding)	Solder version	3A	50V	60V	24AWG	0.25	PVC wire or customized	MB08MSARI04ST

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



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	Voltage		Wire gauge / size		Wire insulation	Part No.	
			A/C	D/C	AWG	mm ²			
04 pins + LED(red)	 (A-coding)	Solder version	4A	10~30V	10~30V	24AWG	0.25	PVC wire or customized	MB08MDAFI04ST

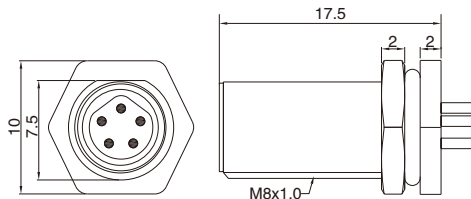
Remarks

- 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, 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 °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

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
03 pins	(A-coding)	PCB version	3A	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

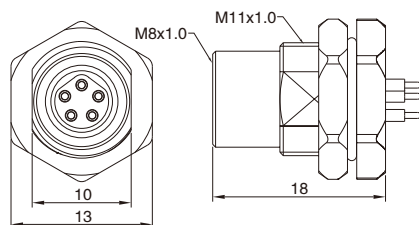
Remarks

- Please refer to Page 22 for products' part number encoding rule.

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

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
03 pins	(A-coding)	PCB version	3A	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

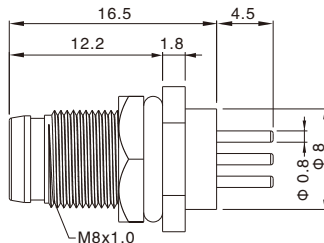
Remarks

- 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
- 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:	$\geq 100M\Omega$
Contact resistance:	$\leq 5m\Omega$
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

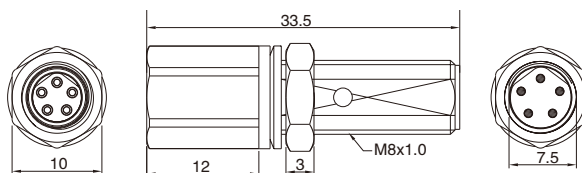
Contacts	Contacts termination	Rated current	Voltage		Part No.
			A/C	D/C	
03 pins (A-coding)	PCB version	3A	50V	60V	MB08MBAFI03ST
04 pins (A-coding)	PCB version	3A	50V	60V	MB08MBAFI04ST

Remarks

- Please refer to Page 22 for products' part number encoding rule.

M8 Male to Female Panel Mount

- Connector series: M8
- Gender: Male/female
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MT-004~006



General information

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

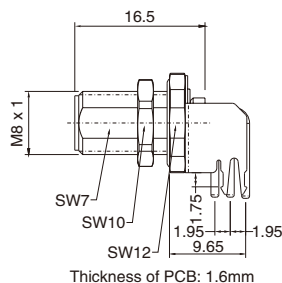
Electrical data & Mechanical data

	Contacts		Rated current	Voltage		Part No.
				A/C	D/C	
03 pins (A-coding)			3A	50V	60V	MT-004
04 pins (A-coding)			3A	50V	60V	MT-005
05 pins (B-coding)			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

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
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

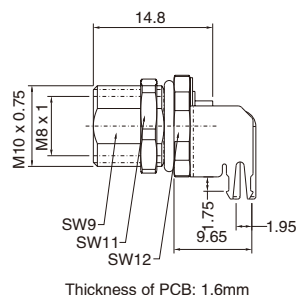
Remarks

- Please refer to Page 22 for products' part number encoding rule.

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

Standard:	IEC 61076-2-104
Ambient temperature:	-25 °C ~ +90 °C
Connector insert:	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:	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 termination	Rated current	Voltage		Part No.
			A/C	D/C	
03 pins (A-coding)	PCB version	3A	50V	60V	MB08FBSAFF03RA
04 pins (A-coding)	PCB version	3A	50V	60V	MB08FBSAFF04RA
05 pins (B-coding)	PCB version	3A	30V	30V	MB08FBSBFF05RA

Remarks

- Please refer to Page 22 for products' part number encoding rule.