



M20 Male Molded Cable, Straight

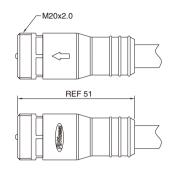
• Connector series: M20

• Gender: Male

• Locking type: Fix screw • Mounting type: Straight

• Part No.: MA20MAP3+5STXXXXXX

X refers to cable specification









■ General information

Ambient temperature:	-40° C ~ $+80^{\circ}$ C(fixed installation)
	-20°C ~ +80°C(flexible installation)
Connector insert:	PBT
Connector contacts:	Brass with gold plated

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Rated	Voltage		Wire gauge / size		Wire	Part No.
COII	tacts	current	A/C	D/C	AWG	mm²	insulation	rait ivo.
3+5Pins		4A (signal 5Pins)	300V	300V	26~22AWG	0.14~0.3	D) (C	MA20MAP3+5STXXXXXX
(3+5)		13A (power 3Pins)	3000	3000	18~14AWG	0.5~2.5	PVC	IVIAZUIVIAP3+331 <u>XXXXXX</u>

Note: \underline{X} refers to cable specification

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 317 for products' part number encoding rule.







M20 Female Molded Cable, Straight

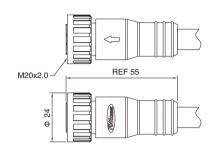
• Connector series: M20

• Gender: Female

• Locking type: Fix screw • Mounting type: Straight

• Part No.: MA20FAP3+5STXXXXXX

X refers to cable specification









■ General information

Ambient temperature:	-40°C ~ $+80$ °C(fixed installation)
	-20°C ~ $+80$ °C(flexible installation)
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut/screw:	ASA
Seal / O-ring:	Silicone

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Rated	Volt	age	Wire gau	uge / size	Wire	Part No.	
Con	lacis	current	A/C	D/C	AWG	mm²	insulation	Part NO.	
3+5Pins		4A (signal 5Pins)	2001/	26~22AWG	0.14~0.3	PVC	MA20FAP3+5STXXXXXX		
(3+5)		13A (power 3Pins)	300V	300V	18~14AWG	0.5~2.5	PVC	MIAZUFAP3+3SI	

Note: \underline{X} refers to cable specification

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 317 for products' part number encoding rule.





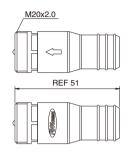


M20 Plastic Male Terminator

• Connector series: M20

• Gender: Male

• Locking type: Fix screw • Mounting type: Straight • Part No.: MA20MAP3+5ST-T





RoHS PS



■ General information

Ambient temperature:	-20℃ ~ +90℃
Connector insert:	PBT
Connector contacts:	Brass with gold plated

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Rated current	Voltage A/C D/C		Part No.
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MA20MAP3+5ST-T

■ Remarks

• Please refer to Page 317 for products' part number encoding rule.







M20 Plastic Female Terminator

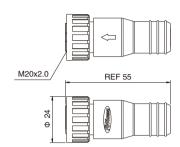
• Connector series: M20

• Gender: Female

• Locking type: Fix screw

• Mounting type: Straight

• Part No.: MA20FAP3+5ST-T









■ General information

Ambient temperature:	-20℃ ~ +90℃
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut/screw:	ASA
Seal/O-ring:	Silicone

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Con	tacts	Rated current	Voltage A/C D/C		Part No.
			A/C	D/C	
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MA20FAP3+5ST-T

■ Remarks

• Please refer to Page 317 for products' part number encoding rule.







M20 Male Panel Mount, Solder, Rear Fastened

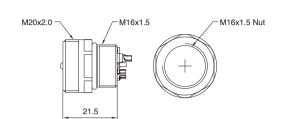
• Connector series: M20

• Gender: Male

• Locking type: Fix screw

• Mounting type: Rear fastened

• Part No.: MB20MSARP3+5ST-2









■ General information

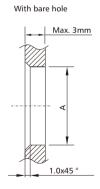
Ambient temperature:	-25℃ ~ +125℃
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut/screw:	PA66
Seal / O-ring:	Silicone

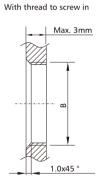
Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts	Contacts	Rated	Voltage		Wire gauge / size		Wire	Part No.			
		termination	current	A/C	D/C	AWG	mm²	insulation			
3+5Pins		Solder	4A (signal 5Pins)	signal 5Pins) 13A 300V 300V	2001/	26~22AWG	0.14~0.3	- PVC	MB20MSARP3+5ST-5		
(3+5)	Solder version		300V		300V	300V	3000	3000	18~14AWG	0.5~2.5	PVC

■ Panel Cut-out Dimensions





	А	В
M16	16 ^{+0.1}	M16x1.5

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 317 for products' part number encoding rule.







M20 Female Panel Mount, Solder, Rear fastened

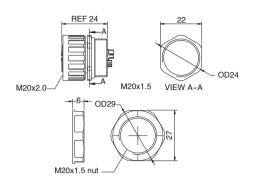
• Connector series: M20

• Gender: Female

• Locking type: Fix screw

• Mounting type: Rear fastened

• Part No.: MB20FSARP3+5ST-5









■ General information

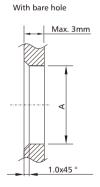
Ambient temperature:	-25℃ ~ +125℃
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut/screw:	ASA
Seal / O-ring:	Silicone

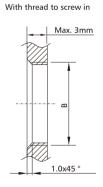
Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cvcles

■ 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.
3+5Pins		Solder	(signal 5Pins)	26~22AWG	0.14~0.3	PVC	MB20FSARP3+5ST-5		
(3+5)		version	13A (power 3Pins)	300V	300V	18~14AWG	0.5~2.5	FVC	IVIDZUF3ARF3+331-3

■ Panel Cut-out Dimensions





	А	В	
M20	20 +0.1	M20x1.5	

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 317 for products' part number encoding rule.







M20 Plastic U-Adapter, Male-Female

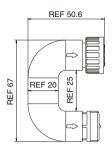
• Connector series: M20

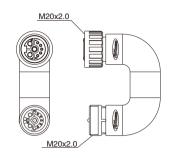
• Gender: Male&Female

• Locking type: Fix screw

• Mounting type: U type

• Part No.: MB20UP-MF3+5







RoHS (PS)



■ General information

Ambient temperature:	-20℃ ~+125℃
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut/screw:	ASA
Seal/O-ring:	Silicone

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

■ Electrical data & Mechanical data

Contacts		Contacts Rated		Volt	Part No.			
	Contacts	termination	current A/C D/C		termination current A/C D/C		A/C D/C	rait NO.
3+5Pins (3+5)	Male Female	Solder version	4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MB20UP-MF3+5		

