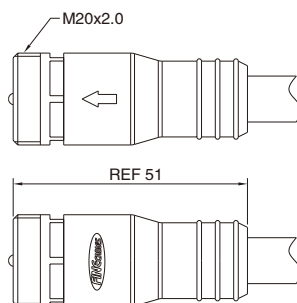


M20 Male Molded Cable, Straight

- Connector series: M20
- Gender: Male
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA20MAP3+5STXXXXXX

X refers to cable specification



RoHS

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

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

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	26~22AWG	0.14~0.3	PVC	MA20MAP3+5STXXXXXX
					18~14AWG	0.5~2.5		

Note: X refers to cable specification

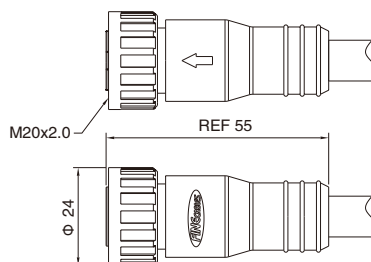
Remarks

- 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



RoHS

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

Contacts		Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	26~22AWG	0.14~0.3	PVC	MA20FAP3+5STXXXXXX
					18~14AWG	0.5~2.5		

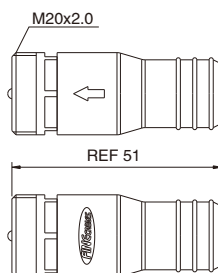
Note: X refers to cable specification

Remarks

- 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 

General information

Ambient temperature:	-20°C ~ +90°C
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

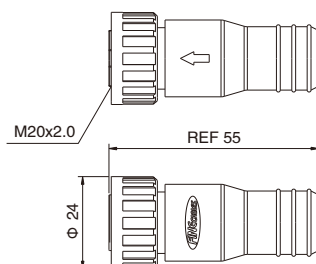
Contacts		Rated current	Voltage		Part No.
			A/C	D/C	
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MA20MAP3+5ST-T

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


RoHS

General information

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

Insulation resistance:	$\geq 100\text{M}\Omega$
Contact resistance :	$\leq 5\text{m}\Omega$
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

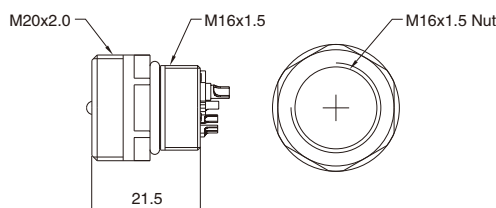
Contacts		Rated current	Voltage		Part No.
			A/C	D/C	
3+5Pins (3+5)		4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MA20FAP3+5ST-T

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°C ~ +125°C

Connector insert: PBT

Connector contacts: Brass with gold plated

Coupling nut/screw: PA66

Seal / O-ring: Silicone

Insulation resistance: $\geq 100M\Omega$

Contact resistance: $\leq 5m\Omega$

Shielding: Unavailable

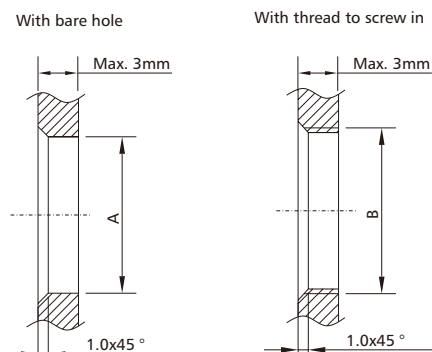
IP rating: IP68 in locked condition

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		
3+5Pins (3+5)		Solder version	300V	300V	26~22AWG	0.14~0.3	PVC	MB20MSARP3+5ST-5
					18~14AWG	0.5~2.5		

Panel Cut-out Dimensions



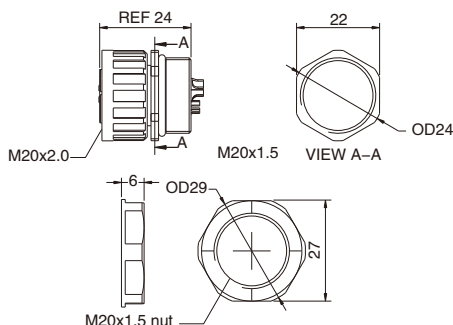
	A	B
M16	16 ^{+0.1} ₋₀	M16x1.5

Remarks

- 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°C ~ +125°C

Connector insert: PBT

Connector contacts: Brass with gold plated

Coupling nut/screw: ASA

Seal / O-ring: Silicone

Insulation resistance: $\geq 100M\Omega$

Contact resistance: $\leq 5m\Omega$

Shielding: Unavailable

IP rating: IP68 in locked condition

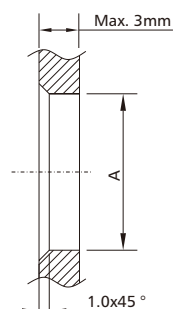
Mating endurance: >500 cycles

Electrical data & Mechanical data

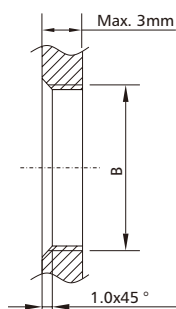
Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.
			A/C	D/C	AWG	mm ²		
3+5Pins (3+5)		Solder version	300V	300V	26~22AWG	0.14~0.3	PVC	MB20FSARP3+5ST-5
					18~14AWG	0.5~2.5		

Panel Cut-out Dimensions

With bare hole



With thread to screw in



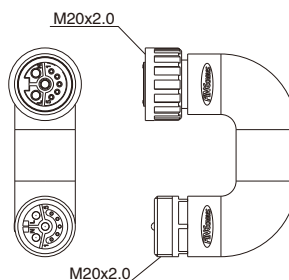
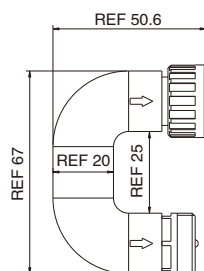
	A	B
M20	20 ^{+0.1} ₋₀	M20x1.5

Remarks

- 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

General information

Ambient temperature:	-20°C ~ +125°C
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 termination	Rated current	Voltage		Part No.
				A/C	D/C	
3+5Pins (3+5)	Male Female	Solder version	4A (signal 5Pins) 13A (power 3Pins)	300V	300V	MB20UP-MF3+5