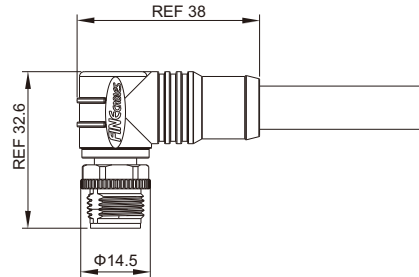


M12 Male Molded Cable, Angled, S-coding

- Connector series: M12
- Gender: Male
- Coding: S
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA12MSHD04RAXXXXXX

X refers to cable specification



General information

Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Zinc alloy with nickel 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	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
			AWG	mm ²		
04 pins (3+PE)	12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12MSHD04RAXXXB150

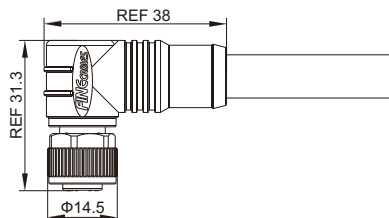
Note: X refers to cable specification

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Angled, S-coding

- Connector series: M12
 - Gender: Female
 - Coding: S
 - Locking type: Fix screw
 - Mounting type: Right angled
 - Part No.: MA12F5HD04RAXXXXXX
- X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

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	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins	 (3+PE)	12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12F5HD04RAXXXB150

Note: X refers to cable specification

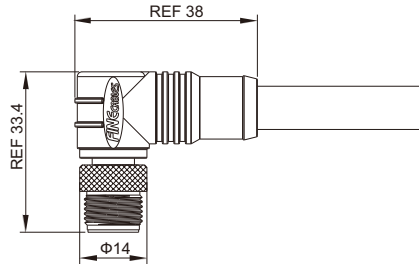
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Angled, S-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: S
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA12MSSF04RAXXXXXX

X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

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

Electrical data & Mechanical data

Contacts		Rated current	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins	 (3+PE)	12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12MSSF04RAXXXB150

Note: X refers to cable specification

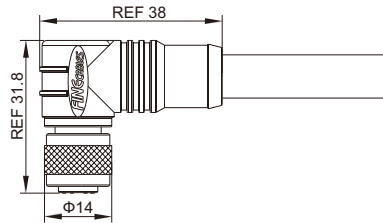
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Angled, S-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: S
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA12F5SF04RAXXXXXX

X refers to cable specification



General information



Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

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

Electrical data & Mechanical data

Contacts		Rated current	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins	 (3+PE)	12A(40°C)	630V	16AWG	1.5	PUR / PVC	MA12F5SF04RAXXXB150

Note: X refers to cable specification

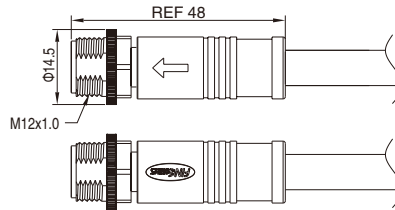
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, T-coding

- Connector series: M12
- Gender: Male
- Coding: T
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MTHD04STXXXXXX

X refers to cable specification



General information

Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Zinc alloy with nickel 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	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins		12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12MTHD04STXXXB150

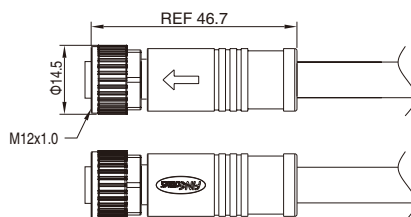
Note: X refers to cable specification

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, T-coding

- Connector series: M12
 - Gender: Female
 - Coding: T
 - Locking type: Fix screw
 - Mounting type: Straight
 - Part No.: MA12FTHD04STXXXXXX
- X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

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	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins		12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12FTHD04STXXXB150

Note: X refers to cable specification

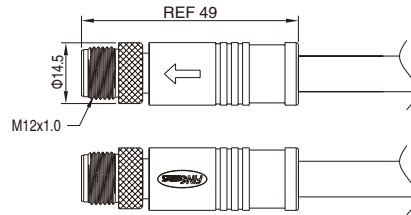
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, T-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: T
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSTF04STXXXXXX

X refers to cable specification



General information

Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel 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	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins		12A(40℃)	630V	16AWG	1.5	PUR / PVC	MA12MSTF04STXXB150

Note: X refers to cable specification

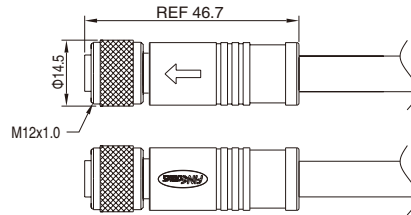
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, T-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: T
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12FSTF04STXXXXXX

X refers to cable specification



General information



Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

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

Electrical data & Mechanical data

Contacts		Rated current	Rated Voltage	Wire gauge / size		Cable jacket	Part No.
				AWG	mm ²		
04 pins		12A(40°C)	630V	16AWG	1.5	PUR / PVC	MA12FSTF04STXXXB150

Note: X refers to cable specification

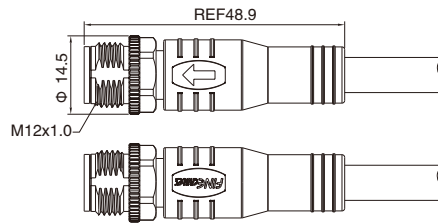
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, X-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: X
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSXHD08STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-109
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector screw:	Zinc alloy with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6A /CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
08 pins		0.5A	50V	60V	27~24AWG	0.14~0.25	CAT 6A /CAT 7	MA12MSXHD08STXXXXXX

Note: X refers to cable specification

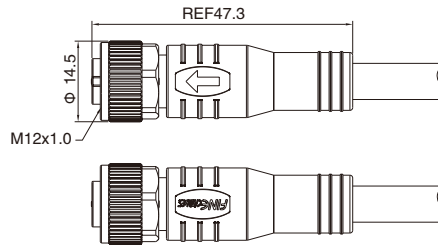
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, X-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: X
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12FSXHD08STXXXXXX

X refers to cable specification



General information



Standard:	IEC 61076-2-109
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6A /CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
08 pins 	0.5A	50V	60V	27~24AWG	0.14~0.25	CAT 6A /CAT 7	MA12FSXHD08STXXXXXX

Note: X refers to cable specification

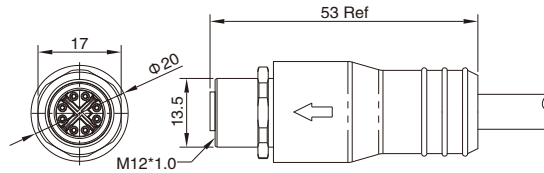
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, X-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: X
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12FSXN08STXXXXXX

X refers to cable specification



General information



Standard:	IEC 61076-2-109
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA / TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6A /CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
08 pins 	0.5A	50V	60V	27~24AWG	0.14~0.25	CAT 6A /CAT 7	MA12FSXN08STXXXXXX

Note: X refers to cable specification

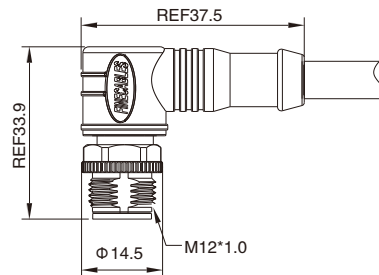
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Angled, X-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: X
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA12MSXHD08RAXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-109
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector screw:	Zinc alloy with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6A /CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
08 pins		0.5A	50V	60V	27~24AWG	0.14~0.25	CAT 6A /CAT 7	MA12MSXHD08RAXXXXXX

Note: X refers to cable specification

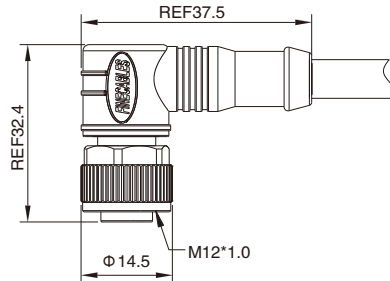
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Angled, X-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: X
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA12FSXHD08RAXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-109
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector screw:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6A /CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
08 pins 	0.5A	50V	60V	27~24AWG	0.14~0.25	CAT 6A /CAT 7	MA12FSXHD08RAXXXXXX

Note: X refers to cable specification

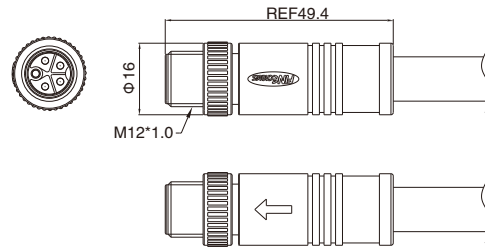
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, K-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: K
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSKF05STXXXX200

X refers to cable specification



General information

Standard:	IEC 61076-2-111
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 8mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
05 pins (4+PE)	16A	690V	NC	14AWG	2.0	PUR / PVC	MA12MSKF05STXXXX200

Note: X refers to cable specification

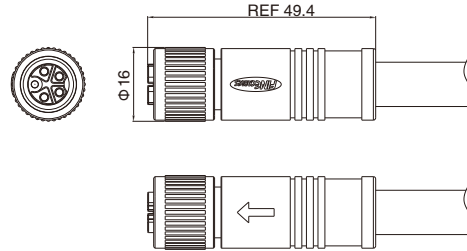
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, K-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: K
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12FSKF05STXXX200

X refers to cable specification



General information

Standard:	IEC 61076-2-111
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 8mΩ
Shielding:	Available
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
05 pins  (4+PE)	16A	690V	NC	14AWG	2.0	PUR / PVC	MA12FSKF05STXXX200

Note: X refers to cable specification

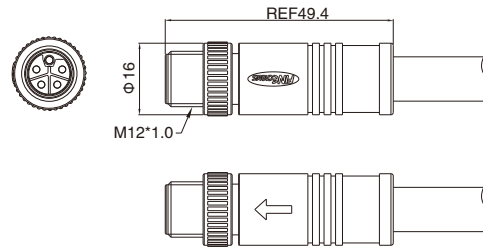
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, L-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: L
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSLF05STXXX200

X refers to cable specification



General information

Standard:	IEC 61076-2-111
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

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

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
05 pins  (4+PE)	16A	NC	63V	14AWG	2.0	PUR / PVC	MA12MSLF05STXXX200

Note: X refers to cable specification

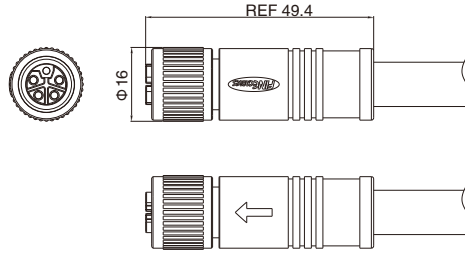
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, L-coding, Shielded

- Connector series: M12
- Gender: Female
- Coding: L
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12FSLF05STXXX200

X refers to cable specification



General information

Standard:	IEC 61076-2-111
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

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

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
05 pins  (4+PE)	16A	NC	690V	14AWG	2.0	PUR / PVC	MA12FSLF05STXXX200

Note: X refers to cable specification

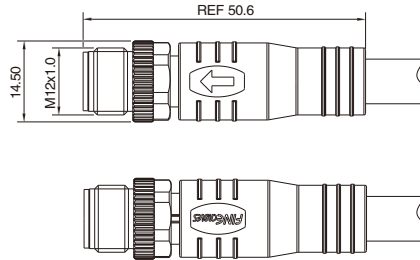
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Y1-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: Y1
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSY1F06STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-113
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Part No.
			A/C	D/C	AWG	mm ²			
06 pins		10A (Power pins)	50V	50V	16AWG (Power pins)	1.25 (Power pins)	PUR / PVC	PP	MA12MSY1F06STXXXXXX
		0.5A (Signal pins)			26AWG (Signal pins)	0.15 (Signal pins)			

Note: X refers to cable specification

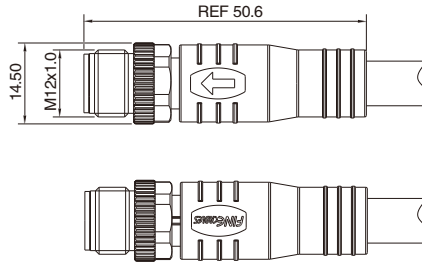
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Y2-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: Y2
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSY2F08STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-113
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Part No.
			A/C	D/C	AWG	mm ²			
08 pins		6A (Power pins)	50V	50V	20AWG (Power pins)	0.6 (Power pins)	PUR / PVC	PP	MA12MSY2F08STXXXXXX
		0.5A (Signal pins)			26AWG (Signal pins)	0.15 (Signal pins)			

Note: X refers to cable specification

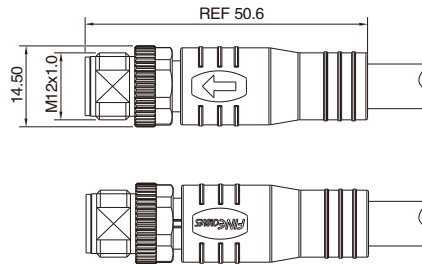
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Y3-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: Y3
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSY3F06STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-113
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Part No.
			A/C	D/C	AWG	mm ²			
06 pins		12A (Power pins)	50V	50V	16AWG (Power pins)	1.25 (Power pins)	PUR / PVC	PE+PP	MA12MSY3F06STXXXXXX
		0.5A (Signal pins)			26AWG (Signal pins)	0.15 (Signal pins)			

Note: X refers to cable specification

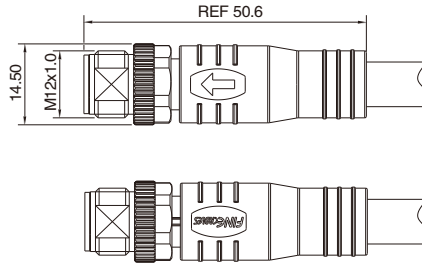
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Y4-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: Y4
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSY4F08STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-113
Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Part No.
			A/C	D/C	AWG	mm ²			
08 pins		6A (Power pins)	50V	50V	20AWG (Power pins)	0.6 (Power pins)	PUR / PVC	PE+PP	MA12MSY4F08STXXXXXX
		0.5A (Signal pins)			26AWG (Signal pins)	0.15 (Signal pins)			

Note: X refers to cable specification

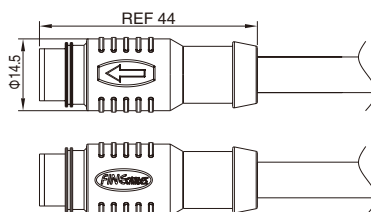
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Snap-in Type

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Snap-in
- Mounting type: Straight
- Part No.: MA12M*I**STXXXXXX

* refers to coding type
 ** refers to pins number
 X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D		A/C	D/C	AWG	mm ²		
03 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12MAI03STXXXB34 MA12MBI03STXXXB34
04 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12MAI04STXXXB34 MA12MBI04STXXXB34 MA12MCI04STXXXB34
05 pins				4A	60V	60V	22AWG	0.34	PUR / PVC	MA12MAI05STXXXB34 MA12MBI05STXXXB34
08 pins				2A	30V	30V	24AWG	0.25	PUR / PVC	MA12MAI08STXXXB25

Note: X refers to cable specification

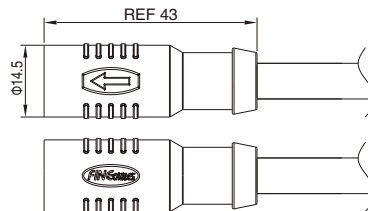
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, Snap-in Type

- Connector series: M12
- Gender: Female
- Coding: A,B,D
- Locking type: Snap-in
- Mounting type: Straight
- Part No.: MA12F*I**STXXXXXX

* refers to coding type
** refers to pins number
X refers to cable specification



General information

Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D		A/C	D/C	AWG	mm ²		
03 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FAI03STXXXB34 MA12FBI03STXXXB34
04 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FAI04STXXXB34 MA12FBI04STXXXB34 MA12FCI04STXXXB34
05 pins				4A	60V	60V	22AWG	0.34	PUR / PVC	MA12FAI05STXXXB34 MA12FBI05STXXXB34
08 pins				2A	30V	30V	24AWG	0.25	PUR / PVC	MA12FAI08STXXXB25

Note: X refers to cable specification

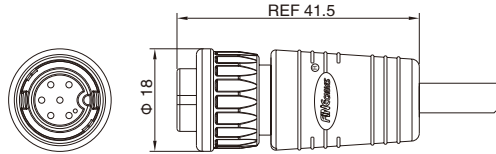
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Molded Cable, Straight, Quick-lock Type, With Fix-cap

- Connector series: M12
- Gender: Male
- Locking type: Quick-lock
- Mounting type: Straight
- Part No.: MA12MAQ**STXXX34

** refers to pins number
X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Quick-lock Fix-cap:	PA+GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65, IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
04 pins		4A	250V	250V	22AWG	0.34	PUR / PVC	MA12MAQ04STXXXB34
06 pins		4A	60V	60V	22AWG	0.34	PUR / PVC	MA12MAQ06STXXXB34

Note: X refers to cable specification

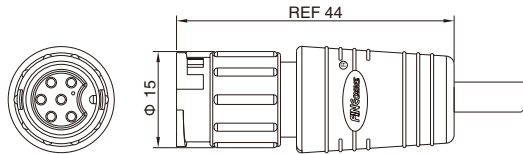
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, Quick-lock Type

- Connector series: M12
- Gender: Female
- Locking type: Quick-lock
- Mounting type: Straight
- Part No.: MA12FAQ**STXXX34

** refers to pins number
X refers to cable specification



General information

Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	PA+GF

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65, IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
04 pins		4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FAQ04STXXXB34
06 pins		4A	60V	60V	22AWG	0.34	PUR / PVC	MA12FAQ06STXXXB34

Note: X refers to cable specification

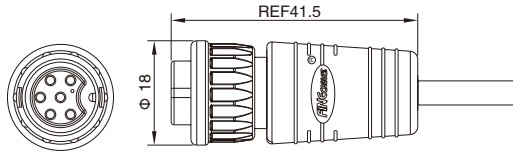
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Molded Cable, Straight, Quick-lock Type, With Fix-cap

- Connector series: M12
- Gender: Female
- Locking type: Quick-lock
- Mounting type: Straight
- Part No.: MA12FRAQ**STXXX34

** refers to pins number
X refers to cable specification



General information



Ambient temperature:	-40℃ ~ +80℃(fixed installation) -20℃ ~ +80℃(flexible installation)
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Quick-lock Fix-cap:	PA + GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP65, IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Rated Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
05 pins		4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FRAQ04STXXXB34
06 pins		4A	60V	60V	22AWG	0.34	PUR / PVC	MA12FRAQ06STXXXB34

Note: X refers to cable specification

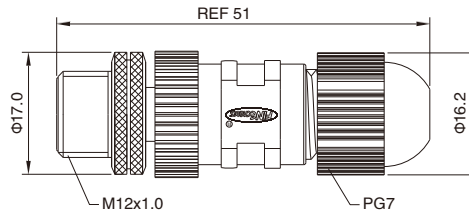
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Field Wirable Assembly, Straight, Solder

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MA*FF**ST

* refers to coding type
** refers to pins number



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-20℃ ~ +90℃
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	PA+GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
Suitable cable Dia:	4~5.5mm
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D			A/C	D/C	AWG	mm ²		
03 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MAAFF03ST MB12MABFF03ST MB12MACFF03ST
04 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MAAFF04ST MB12MABFF04ST MB12MACFF04ST MB12MADFF04ST
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR/PVC or customized	MB12MAAFF05ST MB12MABFF05ST MB12MACFF05ST
06 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MACFF05ST
08 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MAAFF05ST
12 pins					Solder version	1.5A	30V	30V	26AWG	0.14	PUR/PVC or customized	MB12MAAFF05ST

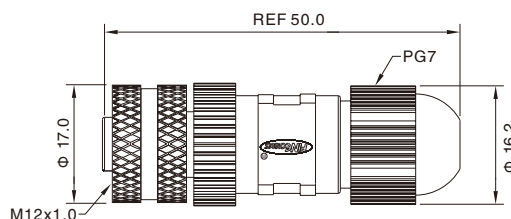
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Field Wirable Assembly, Straight, Solder

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12FA*FF**ST

* refers to coding type
** refers to pins number



General information



Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	PA+GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
Suitable cable Dia:	4~5.5mm
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D			A/C	D/C	AWG	mm ²		
03 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FAAFF03ST MB12FABFF03ST MB12FACFF03ST
04 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FAAFF04ST MB12FABFF04ST MB12FACFF04ST MB12FADFF04ST
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR/PVC or customized	MB12FAAFF05ST MB12FABFF05ST MB12FACFF05ST
06 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FACFF05ST
08 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FAAFF05ST
12 pins					Solder version	1.5A	30V	30V	26AWG	0.14	PUR/PVC or customized	MB12FAAFF05ST

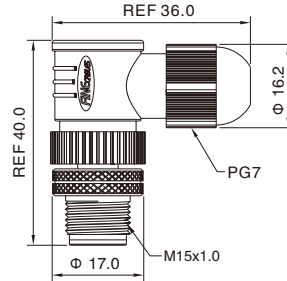
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Field Wirable Assembly, Angled, Solder

- Connector series: M12
- Gender: Male
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MB12MA*FF**RA

* refers to coding type
** refers to pins number



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	PA+GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
Suitable cable Dia:	4~5.5mm
IP rating:	IP68 in locked condition
Assembly Instruction:	Refer to page 282
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D			A/C	D/C	AWG	mm ²		
03 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR / PVC or customized	MB12MAAFF03RA MB12MABFF03RA MB12MACFF03RA
04 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR / PVC or customized	MB12MAAFF04RA MB12MABFF04RA MB12MACFF04RA MB12MADFF04RA
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR / PVC or customized	MB12MAAFF05RA MB12MABFF05RA MB12MACFF05RA
06 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR / PVC or customized	MB12MACFF05RA
08 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR / PVC or customized	MB12MAAFF05RA

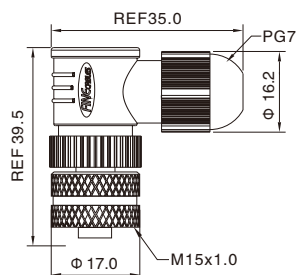
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Female Field Wirable Assembly, Angled, Solder

- Connector series: M12
- Gender: Female
- Coding: A,B,C,D
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MB12FA*FF**RA

* refers to coding type
** refers to pins number



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA+GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Connector body:	PA+GF
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Unavailable
Suitable cable Dia:	4~5.5mm
IP rating:	IP68 in locked condition
Assembly Instruction:	Refer to page 283
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding				Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	C	D			A/C	D/C	AWG	mm ²		
03 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FAAFF03RA MB12FABFF03RA MB12FACFF03RA
04 pins					Solder version	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FAAFF04RA MB12FABFF04RA MB12FACFF04RA MB12FADFF04RA
05 pins					Solder version	4A 2A (C-code)	60V	60V	22AWG 24AWG (C-code)	0.34 0.25 (C-code)	PUR/PVC or customized	MB12FAAFF05RA MB12FABFF05RA MB12FACFF05RA
06 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FACFF06RA
08 pins					Solder version	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FAAFF08RA

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

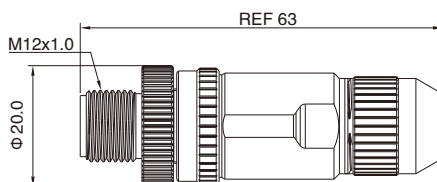
M12 Male Field Wirable Assembly, Straight, Screw joint, Shielded

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MWS*FF**ST-A
MB12MWS*FF**ST-B

* refers to coding type

** refers to pins number

– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
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: 4~6mm; B: 6~8mm
IP rating:	IP68 in locked condition
Assembly Instruction:	Refer to page 285
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF03ST-A/B MB12MWSBFF03ST-A/B
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF04ST-A/B MB12MWSBFF04ST-A/B MB12MWSDFF04ST-A/B
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF05ST-A/B MB12MWSBFF05ST-A/B
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MWSAFF08ST-A/B

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

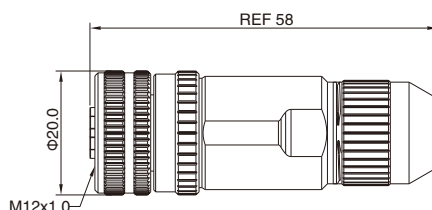
M12 Female Field Wirable Assembly, Straight, Screw joint, Shielded

- Connector series: M12
- Gender: Female
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12FWS*FF**ST-A
MB12FWS*FF**ST-B

* refers to coding type

** refers to pins number

– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	TPU
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: 4~6mm; B: 6~8mm
IP rating:	IP68 in locked condition
Assembly Instruction:	Refer to page 285
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FWSAFF03ST-A/B MB12FWSBFF03ST-A/B
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FWSAFF04ST-A/B MB12FWSBFF04ST-A/B MB12FWSDF04ST-A/B
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12FWSAFF05ST-A/B MB12FWSBFF05ST-A/B
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FWSAFF08ST-A/B

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

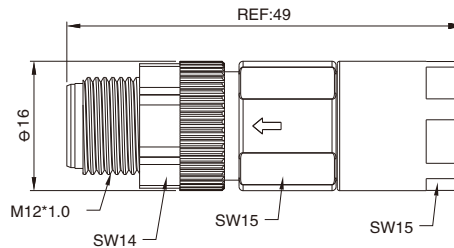
M12 Male Field Assembly, Shielded Crimp Type

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MCS*FF**ST-A
MB12MCS*FF**ST-B

* refers to coding type

** refers to pins number

– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	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: 4~6mm; B:6~8mm
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Crimp type	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MCSAFF03ST-A/B MB12MCSBFF03ST-A/B
04 pins				Crimp type	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MCSAFF04ST-A/B MB12MCSBFF04ST-A/B MB12MCSDF04ST-A/B
05 pins				Crimp type	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MCSAFF05ST-A/B MB12MCSBFF05ST-A/B
08 pins				Crimp type	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MCSAFF08ST-A/B

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

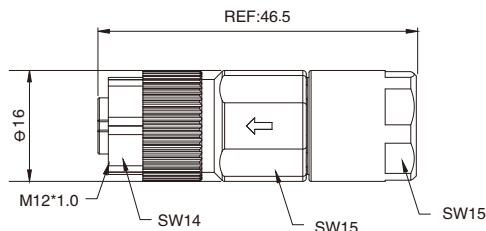
M12 Female Field Assembly, Shielded Crimp Type

- Connector series: M12
- Gender: Female
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12FCSxFF**ST-A
MB12FCSxFF**ST-B

* refers to coding type

** refers to pins number

– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	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: 4~6mm; B: 6~8mm
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

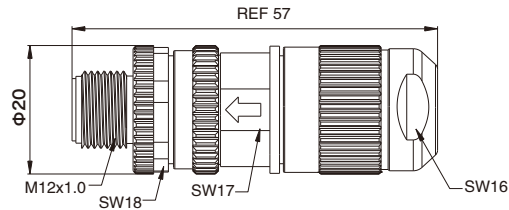
Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Crimp type	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FCSAFF03ST-A/B MB12FCSBFF03ST-A/B
04 pins				Crimp type	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12FCSAFF04ST-A/B MB12FCSBFF04ST-A/B MB12FCSDF04ST-A/B
05 pins				Crimp type	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12FCSAFF05ST-A/B MB12FCSBFF05ST-A/B
08 pins				Crimp type	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12FCSAFF08ST-A/B

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

M12 Male Field Wirable Assembly, Straight, Piercing, X-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: X
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB12MPSXFF08ST



General information



Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	PA
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass/Zinc with nickel plated
Connector body:	Zinc alloy with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
Shielding:	Available
Suitable cable Dia:	5.5~9.0mm
IP rating:	IP68 in locked condition
Transmission characteristic:	CAT 6/CAT 7
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Wire gauge / size		Cable spec	Part No.
				A/C	D/C	AWG	mm ²		
08 pins		Piercing	0.5A	50V	60V	27~24	0.14~0.34	CAT 6A/CAT 7	MB12MPSXFF08ST

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.

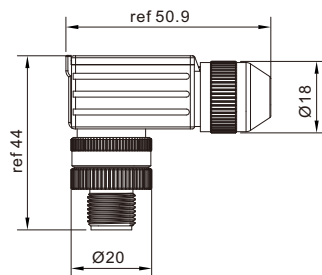
M12 Male Field Wirable Assembly, Angled, Screw joint, Shielded with Die-cast body

- Connector series: M12
- Gender: Male
- Coding: A,B,D
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MB12MWS*FF**RA-A
MB12MWS*FF**RA-B

* refers to coding type

** refers to pins number

– suitable cable Dia: A:4~6mm B:6~8mm



General information

Standard:	IEC 61076-2-101
Ambient temperature:	-25℃ ~ +90℃
Connector insert:	TPU
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:4~6mm; B:6~8mm
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Available Coding			Contacts termination	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
	A	B	D			A/C	D/C	AWG	mm ²		
03 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF03RA-A/B MB12MWSBFF03RA-A/B
04 pins				Screw joint	4A	250V	250V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF04RA-A/B MB12MWSBFF04RA-A/B MB12MWSDF04RA-A/B
05 pins				Screw joint	4A	60V	60V	22AWG	0.34	PUR/PVC or customized	MB12MWSAFF05RA-A/B MB12MWSBFF05RA-A/B
08 pins				Screw joint	2A	30V	30V	24AWG	0.25	PUR/PVC or customized	MB12MWSAFF08RA-A/B

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 96 for products' part number encoding rule.