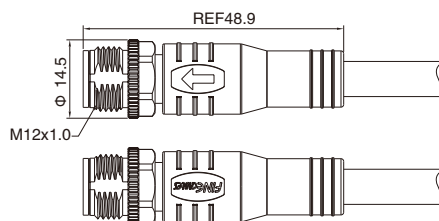


M12 Male Molded Cable, Straight, X-coding, Shielded

- 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°C ~ +80°C(fixed installation) -20°C ~ +80°C(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.