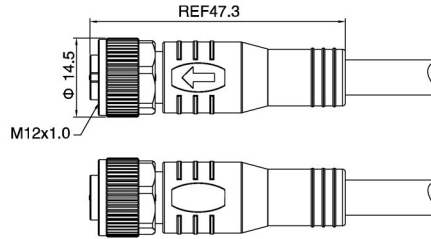




## M12 Female Molded Cable, Straight, X-coding, Shielded

- 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°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
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 <sup>2</sup>		
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 mm<sup>2</sup>.
- Please refer to Page 96 for products' part number encoding rule.