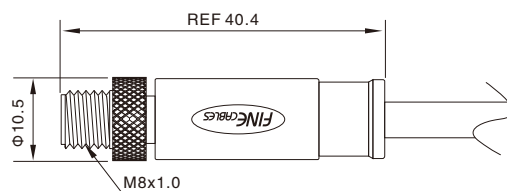


## M8 Male Molded Cable, Straight, Shielded

- Connector series: M8
- Gender: Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA08MS\*F\*\*STXXXXXX

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



### General information

Standard:	IEC 61076-2-104
Ambient temperature:	-40°C ~ +80°C (fixed installation) -20°C ~ +80°C (flexible installation)
Connector insert:	TPU
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:	IP67 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 <sup>2</sup>		
03 pins  (A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MSAF03STXXCB25
						PUR	MA08MSAF03STXXRB25
04 pins  (A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MSAF04STXXCB25
						PUR	MA08MSAF04STXXRB25
05 pins  (B-coding)	3A	30V	30V	24AWG	0.25	PVC	MA08MSBF05STXXCB25
						PUR	MA08MSBF05STXXRB25
06 pins  (A-coding)	1.5A	30V	30V	26AWG	0.14	PVC	MA08MSAF06STXXCB14
						PUR	MA08MSAF06STXXRB14
08 pins  (A-coding)	1.5A	30V	30V	26AWG	0.14	PVC	MA08MSAF08STXXCB14
						PUR	MA08MSAF08STXXRB14

Note: X refers to cable length

### 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 22 for products' part number encoding rule.