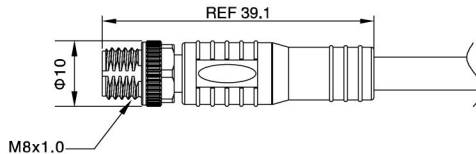




M8 Male Molded Cable, Straight

- Connector series: M8
- Gender: Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA08M*HD**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:	Zinc alloy with nickel plated

Insulation resistance:	$\geq 100\text{M}\Omega$
Contact resistance:	$\leq 5\text{m}\Omega$
Shielding:	Unavailable
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 ²		
03 pins (A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MAHD03STXXCB25
						PUR	MA08MAHD03STXXRB25
04 pins (A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MAHD04STXXCB25
						PUR	MA08MAHD04STXXRB25
05 pins (B-coding)	3A	30V	30V	24AWG	0.25	PVC	MA08MBHD05STXXCB25
						PUR	MA08MBHD05STXXRB25
06 pins (A-coding)	1.5A	30V	30V	26AWG	0.14	PVC	MA08MAHD06STXXCB14
						PUR	MA08MAHD06STXXRB14
08 pins (A-coding)	1.5A	30V	30V	26AWG	0.14	PVC	MA08MAHD08STXXCB14
						PUR	MA08MAHD08STXXRB14

Note: X refers to cable length

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 22 for products' part number encoding rule.