



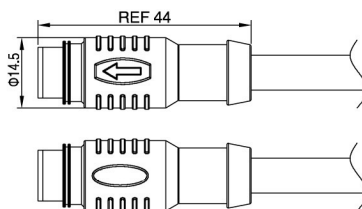
M12 Male Molded Cable, Straight, Snap-in Type

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