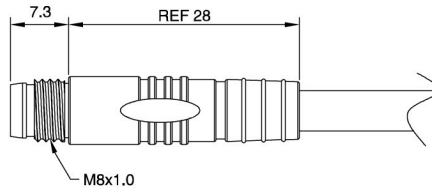# M8 Male Molded Cable, Straight, Snap-in Type

- Connector series: M8
- Gender: Male
- Coding: A
- Locking type: Snap-in
- Mounting type: Straight
- Part No.: MA08MAI**STXXXXXX

** refers to pins number
X refers to cable specification

7.3   REF 28

M8x1.0

■ General information

Standard:	IEC 61076-2-104	Insulation resistance:	≥100MΩ
Ambient temperature:	-40℃ ~ +80℃(fixed installation)	Contact resistance:	≤5mΩ
	-20℃ ~ +80℃(flexible installation)	Shielding:	Unavailable
Connector insert:	TPU	IP rating:	IP65 in locked condition
Connector contacts:	Brass with gold plated	Mating endurance:	>500 cycles
Connector overmold:	TPU		

■ Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm²		
03 pins	(A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MAI03STXXCB25
							PUR	MA08MAI03STXXRB25
04 pins	(A-coding)	3A	50V	60V	24AWG	0.25	PVC	MA08MAI04STXXCB25
							PUR	MA08MAI04STXXRB25

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.

M8 cables & connectors