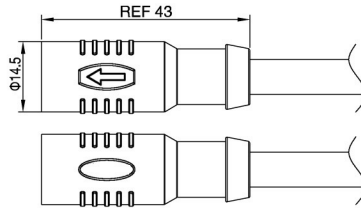




## M12 Female Molded Cable, Straight, Snap-in Type

- Connector series: M12
- Gender: Female
- Coding: A,B,D
- Locking type: Snap-in
- Mounting type: Straight
- Part No.: MA12F\*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; PA
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 <sup>2</sup>		
03 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FAI03STXXXB34 MA12FBI03STXXXB34
04 pins				4A	250V	250V	22AWG	0.34	PUR / PVC	MA12FAI04STXXXB34 MA12FBI04STXXXB34 MA12FCI04STXXXB34
05 pins				4A	60V	60V	22AWG	0.34	PUR / PVC	MA12FAI05STXXXB34 MA12FBI05STXXXB34
08 pins				2A	30V	30V	24AWG	0.25	PUR / PVC	MA12FAI03STXXXB25

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.