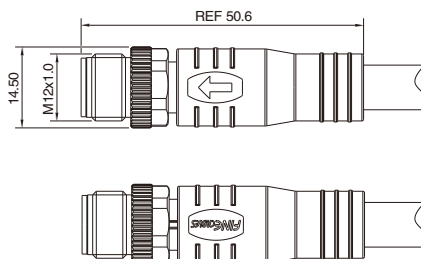


M12 Male Molded Cable, Straight, Y1-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: Y1
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSY1F06STXXXXXX

X refers to cable specification



General information

Standard:	IEC 61076-2-113
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	PA+GF
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 10mΩ
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	Wire insulation	Part No.
			A/C	D/C	AWG	mm ²			
06 pins		10A (Power pins)	50V	50V	16AWG (Power pins)	1.25 (Power pins)	PUR / PVC	PP	MA12MSY1F06STXXXXXX
		0.5A (Signal pins)			26AWG (Signal pins)	0.15 (Signal pins)			

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.