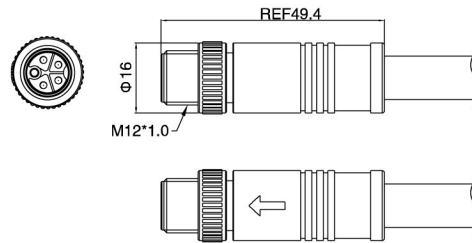




## M12 Male Molded Cable, Straight, K-coding, Shielded

- Connector series: M12
- Gender: Male
- Coding: K
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA12MSKF05STXXX200

X refers to cable specification




### General information

Standard:	IEC 61076-2-111
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
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 8mΩ
Shielding:	Available
IP rating:	IP68 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 <sup>2</sup>		
05 pins  (4+PE)	16A	690V	NC	14AWG	2.0	PUR / PVC	MA12MSKF05STXXX200

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.