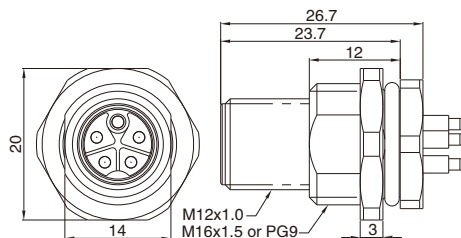# M12 Male Panel, PCB Type, Front fastened, K-coding

- Connector series: M12
- Gender: Male
- Coding: K
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB12MBKFF05ST-X

  X refers to Chasis-side thread size

26.7
23.7
12
20
14
M12x1.0
M16x1.5 or PG9
3

General information

Standard:	IEC 61076–2–111	Insulation resistance:	≥100MΩ
Ambient temperature:	-40℃ ~ +80℃(fixed installation)	Contact resistance :	≤8mΩ
	-20℃ ~ +80℃(flexible installation)	Shielding:	Unavailable
Connector insert:	PA	IP rating:	IP68 in locked condition
Connector contacts:	Brass with gold plated	Mating endurance:	>500 cycles
Connector nut/screw:	Brass with nickel plated		
Seal / O–ring:	FKM		

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Wire gauge / size		Part No.
				A/C	D/C	AWG	mm^2	
05 pins	(4+PE)	PCB	16A	690V	NC	14AWG	2.0	MB12MBKFF05ST-X

Note: *X* refers to Chasis-side thread size

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm^2.
- Please refer to Page 96 for products' part number encoding rule.