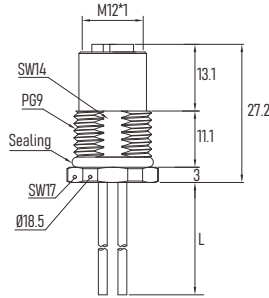


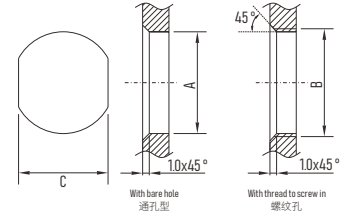
## M12 K-Code female panel connector, front side fastening, with single wires M12 K-型 母头 板端连接器 前锁 预接电子线

Front Fastened 前锁



Recommended Panel Cut-out 面板开孔建议

Chassis side	PG9	M16	M20	1/2"-14NPT
A	15.3 <sup>+0.1</sup> <sub>-0</sub>	16.1 <sup>+0.1</sup> <sub>-0</sub>	20.1 <sup>+0.1</sup> <sub>-0</sub>	21.4 <sup>+0.1</sup> <sub>-0</sub>
B	PG9	M16x1.5	M20x1.5	1/2"-14NPT
C	13.5 <sup>+0.1</sup> <sub>-0</sub>	13.6 <sup>+0.1</sup> <sub>-0</sub>	N/A	N/A



### Connector Technical data 技术参数

Contacts No.	Pin位/芯数	4+PE (5Pin)
Front View	正视图	
Reference Standard	参照标准	IEC 61076-2-111
Rated current	额定电流	16A
Rated voltage	额定电压	690V AC
Impulse voltage	脉冲高压	5000V
Locking system	锁紧方式	M12 x 1.0 screw / M12 螺丝锁紧
Tightening Torque	螺丝扭矩	Recommend/ 建议: 0.6Nm, Max/ 最大: 1.0Nm
Termination	接线方式	Crimping / 压接
Wire gauge	适配线规	2.0mm <sup>2</sup> (AWG 14)
Rated temperature	温度范围	-25 °C ... +80 °C; -40 °C ... +105 °C
Insulation resistance	绝缘电阻	≥ 100MΩ
Contact resistance	接触电阻	≤ 8mΩ
Contact carrier	胶芯材料	PA66 + GF
Screw nut	螺丝材料	Brass, CNC, Nickel-plated 黄铜 镀镍 机加工
Contact	Pin针端子	Brass 黄铜, Phosphor bronze 磷青铜
Contacts plating	端子镀层	Au (Gold) 镀金
O-ring	密封圈	FKM/ Silicon 氟橡胶/硅胶
Protection degree	防护等级	IP67, IP68
Pollution degree	污染等级	3

### Ordering No. 订购料号

Poles 芯数	Wire length 接线长度	Panel Front Side Fastening 板前锁				Panel Rear Side Fastening 板后锁			
		PG9	M16x1.5	M20x1.5	1/2"-14NPT	PG9	M16x1.5	M20x1.5	1/2"-14NPT
5 Pin	0.5 m	MC05P2LCKBP9-14W05	MC05P2LCKB16-14W05	MC05P2LCKB20-14W05	MC05P2LCKB14N-14W05	MC05P4LCKBP9-14W05	MC05P4LCKB16-14W05	MC05P4LCKB20-14W05	MC05P4LCKB14N-14W05
	1.0 m	MC05P2LCKBP9-14W10	MC05P2LCKB16-14W10	MC05P2LCKB20-14W10	MC05P2LCKB14N-14W10	MC05P4LCKBP9-14W10	MC05P4LCKB16-14W10	MC05P4LCKB20-14W10	MC05P4LCKB14N-14W10
	1.5 m	MC05P2LCKBP9-14W15	MC05P2LCKB16-14W15	MC05P2LCKB20-14W15	MC05P2LCKB14N-14W15	MC05P4LCKBP9-14W15	MC05P4LCKB16-14W15	MC05P4LCKB20-14W15	MC05P4LCKB14N-14W15
	2.0 m	MC05P2LCKBP9-14W20	MC05P2LCKB16-14W20	MC05P2LCKB20-14W20	MC05P2LCKB14N-14W20	MC05P4LCKBP9-14W20	MC05P4LCKB16-14W20	MC05P4LCKB20-14W20	MC05P4LCKB14N-14W20

### Wires' Color Coding 接线颜色与线序

Poles & Wire Color / Pin位与接线		
Pin 1 第1芯	BN 棕	BK1 黑1
Pin 2 第2芯	WH 白	BK2 黑2
Pin 3 第3芯	BU 蓝	BK3 黑3
Pin 4 第4芯	BK 黑	BK4 黑4
Pin 5 第5芯	YE/GN 黄/绿	YE/GN 黄/绿