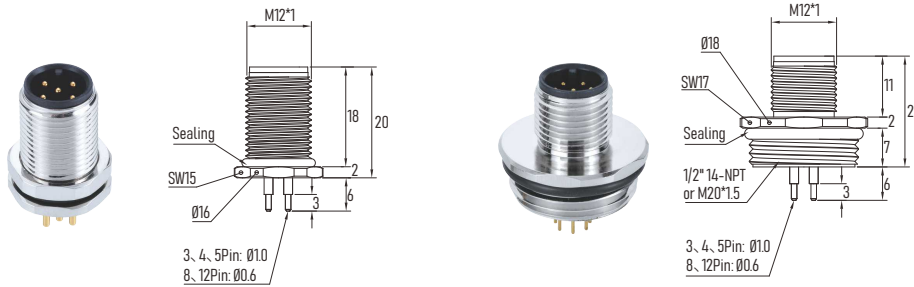
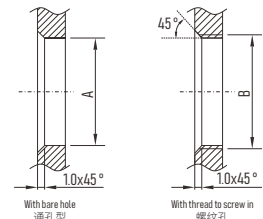


M12 A-Code male panel connector, M12, M20 chassis-side thread, front/ rear mount, PCB Contacts  
 M12 A-型 公头 板端连接器 M12, M20\*1.5板端安装螺牙 板前锁/ 后锁 PCB焊针型

Recommended Panel Cut-out 面板开孔建议



Chassis side	M12	M20	1/2"-14NPT
A	12.2 <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	M12x1.0	M20x1.5	1/2"-14NPT



### Connector Technical data 技术参数

Contacts No. Pin位/芯数	3Pin	4Pin	5Pin	8Pin	12Pin	17Pin
Front View 正视图						
Reference Standard 参照标准	IEC 61076-2-101					
Rated current 额定电流	4A			2A		1.5A
Rated voltage 额定电压	250V		60V	30V		
Impulse voltage 脉冲高压	2500V		1500V	800V	500V	
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	PCB Dip Soldering / PCB浸焊					
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	≤5mΩ					
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					
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	M12 Chassis side thread M12 锁板牙	M20 Chassis side thread M20 锁板牙
3 Pin	MC03P1LPAB12	MC03P3LPAB20
4 Pin	MC04P1LPAB12	MC04P3LPAB20
5 Pin	MC05P1LPAB12	MC05P3LPAB20
8 Pin	MC08P1LPAB12	MC08P3LPAB20
12 Pin	MC12P1LPAB12	MC12P3LPAB20
17 Pin	MC17P1LPAB12	MC17P3LPAB20

### PCB Layout Reference 孔位分布与钻孔建议

