| 版次 Rev. | ECN编号 ECN No. | 修改说明 Reversion Description | 设计 Designed | 审核 Checked | 核准 Approved |
|---|---|---|---|---|---|
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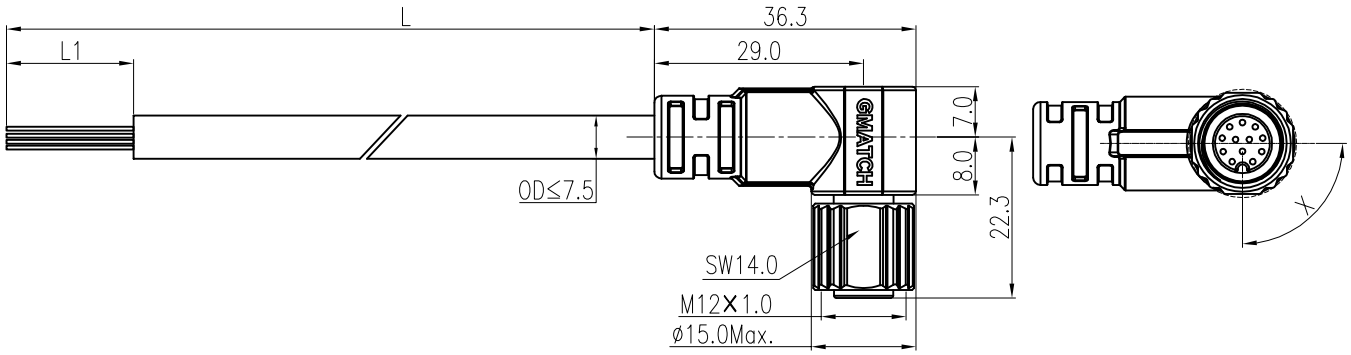
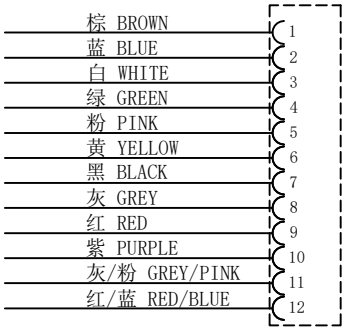
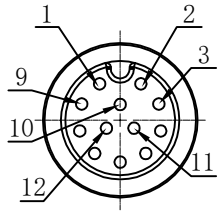
| CONNECTOR PARAMETERS 连接器参数 | |
|---|---|
| CONNECTOR TYPE 连接器类型 | M12 A-CODE |
| CORE NUMBER 芯数 | 12 |
| RATED VOLTAGE 额定电压 | 30 V |
| RATED CURRENT（40℃） 额定电流 | 1.5 A (40℃) |
| WITHSTAND VOLTAGE 耐电压 | 650 V (R.M.S) |
| INSULATION RESISTANCE 绝缘强度 | ≥500MΩ |
| OPERATING TEMPERATURE 工作温度 | -40℃~+85℃ |
| IP DEGREE IP 等级 | IP67 |
| MECHANICAL OPERATION 机械寿命循环 | ≥100 times |
| OVERMOULDED MATERIAL 预铸材质 | TPU |
| TIGHTENING TOQUE 锁紧力矩 | 0.6 Nm |
| WIRE GAUGE RANGE 线芯范围 | 0.14-0.34mm² |

| CABLE PARAMETERS 电缆参数 | |
|---|---|
| OUTER JACKET MATERIAL 外被材质 | PVC/PUR |
| OUTER JACKET COLOR 外被颜色 | BLACK |
| CABLE CORE NUMBER 电缆芯数 | 12 |
| WIRE GAUGE 线芯规格（常用） | 0.14-0.25 mm² |
| OPERATING TEMPERATURE 工作温度 | -40℃~+80℃（固定）<br>-15℃~+80℃（运动） |
| MINIMUM BENDING RADIUS 最小弯曲半径 | / |




接线示意图
WIRING CIRCUIT DIAGRAM




孔位示意图
HOLES ARRANGEMENT

注：线缆护套材质及颜色、芯线规格及颜色、线束长度等均可定制。
NOTE: THE MATERIAL AND COLOR OF THE CABLE SHEATH, THE SPECIFICATIONS AND COLOR OF THE CORE WIRE, AND THE LENGTH OF THE WIRE HARNESS CAN ALL BE CUSTOMIZED

| 自由公差 Free Tolerances | 第三视角 3RD-Projection | 单位 Unit | mm | 名称 Name | M12A 12芯母弯头单端非屏蔽预铸线束 XXM | 重量 Weight | XXg |
|---|---|---|---|---|---|---|---|
| 长度尺寸 Length Dimensions X. ±0.20 .X ±0.10 .XX ±0.05 | 核准 Approved | | | | | 材料 Material | / |
| | 审核 Checked | | | 型号 Designation | M12A-PF12-S-XXX-LXX | 版本 Rev. | X1 |
| | 工艺 Craft | | | 图号 Figure No. | / | | |
| 角 度 Angle X. ±1.0° .X ±0.5° | 标检 Standarded | | | 图面规格 Size | A4 | 比例 Scale | 1:1 |
| | 设计 Designed | | | 页码 Sheet | 1 / 1 | | |

GMATCH
厦门固迈电气有限公司

| 档案员 Archivist | |
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| 日 期 Date | |