

M38S系列 Series

型号说明 Type instruction



可选脉冲数 (注: 抗振动、耐冲击的非林玛盘, 耐高温的金属码盘, 及高精度的玻璃玛盘)

Pulse/revolution (Note: the film code plate with vibration resist and inrush-resist, metal code wheel with high temperature resist and glass code wheel with high precision.)
 10 20 50 60 100 120 200 250 300 360 400 500 512 600 800 900 1000 1024 1200 1500 2000 2048 2500 3000 3600 5000或
 根据用户要求定制 Or according customer request.

特征与用途 Function and use

- 外径Φ38,厚度仅35,轴径Φ6;
- 小型化,经济型,性能稳定,安装方便;
- 多种输出电路可选,出线方式为电缆侧出与后出;
- 适用于工业机械,自动化控制等行业。
- 可替代欧姆龙E6B2,光洋TRD-S,内密控OVW2系列。
- Outer diameter is Φ38,thickness is only35,axes diameter is Φ6;
- Minitype-economization, steady capability, convenience installation;
- Many output circuit can select, out form is socket cable side out and back out;
- Apply for the industry machine, automatic control and so on.
- Alternative to OMRON E6B2, Koyo TRD-S, dense OVW2 series control.

电气参数 Electric parameter

输出电路 Output circuit	驱动器 Drivers L	C、E、F	驱动器 Drivers T
电源电压Mains voltage	+5V±5%	+5V~24v	+8V~24V
消耗电流Current consumption	< 60mA	< 60mA	< 60mA
允许负载Allowable load	20mA	30 mA	20mA
信号高电平Signal high electrical level	> 2.5V	> VCC*70%V	> VCC*70%V
信号低电平Signal low electrical level	< 0.5V	< 0.5V	< 0.5V
上升/下降时间Rise /down time	< 100ns	< 1us	< 100ns
响应频率Response frequency	150KHz	150KHz	150KHz

机械参数 Machine parameter

径向负载Radial load	< 20N
轴向负载Axial load	< 10N
启动力矩Storque	< 1×10 ⁻³ N.m
最高转速Tiptop rotate speed	3000r/min
转动惯量Runing inertia	10g/cm ²
允许角加速度Allowable acceleration	1×10 ³ rad/s ²
重量weight	约About 0.1kg

环境参数 Enviroment parmewer

抗冲击Concussion resist	1000m/s ² , 6ms
抗振动Vibration resist	100m/s ² , 10~200Hz
工作温度Working temperature	-20℃~+85℃
储存温度Storing temperature	-20℃~+85℃
相对湿度Relatively humidity	< RH85%无结露No icing
防护等级Protect grade	IP50

外形尺寸图 (单位: mm) Size appearance illustration(unit:mm)

