

ME38S系列 Series

型号说明 Type instruction



可选脉冲数 (注: 抗振动、耐冲击的菲林码盘、耐高温的金属码盘、及高精度的玻璃码盘)

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.)
100 200 360 400 600 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。
- A B两项信号输出,可抗高频震动不丢脉冲
- Outer diameter is Φ38,thickness is only 35,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.
- A B two signal output, can resist the high frequency vibration not to lose the pulse.

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
起动力矩 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 ⁷ 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)

