

电磁线圈 Solenoid Coils

产品介绍 Product Description

- ◆ ABS/ESC ECU电磁线圈/ABS/ESC ECU solenoid coil
- ◆ One-BOX 增压阀线圈/ One-BOX booster valve coil
- ◆ One-BOX 诊断阀线圈/ One-BOX diagnostic valve coils
- ◆ One-BOX 模拟阀线圈/ One-BOX analog valve coils

产品特征及优势 Feature and Benefits

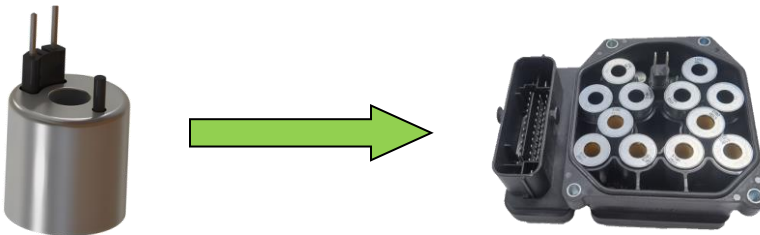
- ◆ 体积小，可提供较大电磁力
Small size, can provide large electromagnetic force
- ◆ 采用精密冲压及注塑，产品性能更可靠
Using precision stamping and injection molding, the product performance is more reliable
- ◆ 通用性设计，可兼顾更多产品使用
Versatile design for more product use
- ◆ 激光打标，更好的产品追溯性
Laser marking, better product traceability



电磁线圈
Solenoid Coils

产品作用 Application

- ◆ ABS控制器通过电磁阀的控制，调节汽车4个轮端的制动压力，防止车轮抱死，保证整车的制动性能及整车安全性
The ABS controller adjusts the braking pressure of the four wheel ends of the car through the control of the solenoid valve to prevent the wheel lock and ensure the braking performance and safety of the whole vehicle
- ◆ 电磁线圈就是给电磁阀提供电磁力的核心零部件
The solenoid coil is the core component that provides electromagnetic force to the solenoid valve



操作 Operation

◆ 基本原理 Basic Principle:

ABS控制器给电磁线圈一个电信号，通过电磁线圈给电磁阀提供电磁力从而控制电磁阀开关。再通过电磁阀的通断，调节汽车4个轮端的制动压力，防止车轮抱死，保证整车的制动性能及整车安全性。

The ABS controller gives an electrical signal to the solenoid coil, and provides electromagnetic force to the solenoid valve through the solenoid coil to control the solenoid valve switch. Then through the on-off of the solenoid valve, adjust the braking pressure of the four wheel ends of the car to prevent the wheel from locking and ensure the braking performance

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and vehicle safety of the whole vehicle.

◆ 包装选项 Packaging Options:

可提供定制包装以满足任何需要，请联系KESENS技术部了解详情。

Custom packaging can be provided to meet any need, please contact KESENS Engineering for details.

技术参数 Functional Characteristics

项目 ITEMS	参数 PARAMETER
工作温度 Temperature Range	-40°C~125°C
电源电压 Supply Voltage	DC 5±0.25V
电源电流 Supply Current	< 10mA
电阻 Resistance	4±0.2Ω
ROHS	满足 ROHS 要求 Meet ROHS requirements

可根据需要定制电气和环境规范，详情请联系KESENS技术部。

Custom electrical and environmental specifications can be designed to meet any need, please contact KESENS Engineering for details.