Honeywell

Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new Interactive Catalog. The Interactive Catalog is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.

Click this icon to try the new Interactive Catalog.

Sensing and Control
Honeywell Inc.
11 West Spring Street
Freeport, Illinois 61032

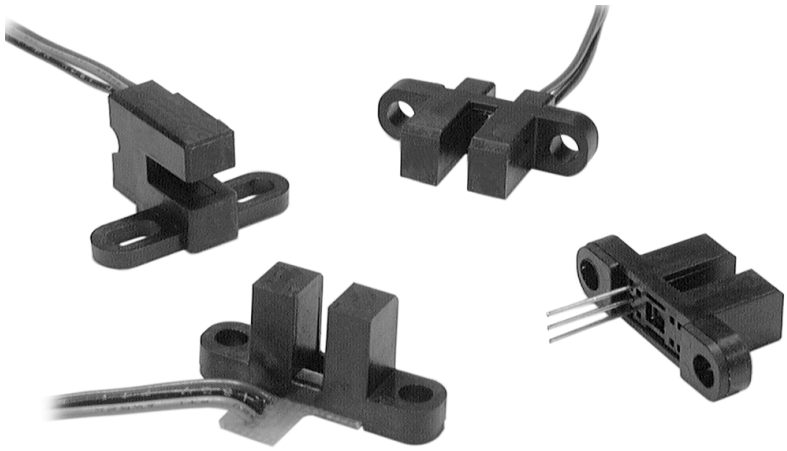
Solid State Sensors

SR16/17 Hall Effect Vane Sensors

SR 16/17 Series

FEATURES

- Compact, robust packages
- Mechanically interchangeable with our standard optical style sensors
- Operated by a “Ferrous Vane” interrupter for pulse counting or position sensing
- Current sinking (Open Collector) output
- 3.8 to 30 VDC power supply
- Medium level magnetic switching to reduce stray field interference
- Internally sealed packages for moderate environment applications
- No mechanical contacts; eliminates product wear
- Noncontact position sensing



The SR16/17 Series Hall effect vane sensors, designed for position and speed sensing, offer side mount packages and three termination variations. The cost effective SR16/17 Series sensors are tailored for fitness and information technology applications. They are well suited for use in moderate electrical, chemical, and mechanical environments.

The SR16/17 Series sensors contain an internal magnet and Hall effect sensor mounted in a twin tower configuration. In application, a customer supplied ferrous target passes between the tower gap, interrupts the magnetic field, and switches the digital state of the sensor.

These robust solid state Hall effect sensors are housed in an environmentally sealed plastic package. The Hall effect sensors provide highly accurate and repeatable performance in environments in which dirt, dust, or stray IR light might affect the performance of optical solutions. The sensor package is constructed of rugged polyphthalamide and polycarbonate material and is mechanically interchangeable with our standard optical sensors.

⚠WARNING

PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as product installation information.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.