

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
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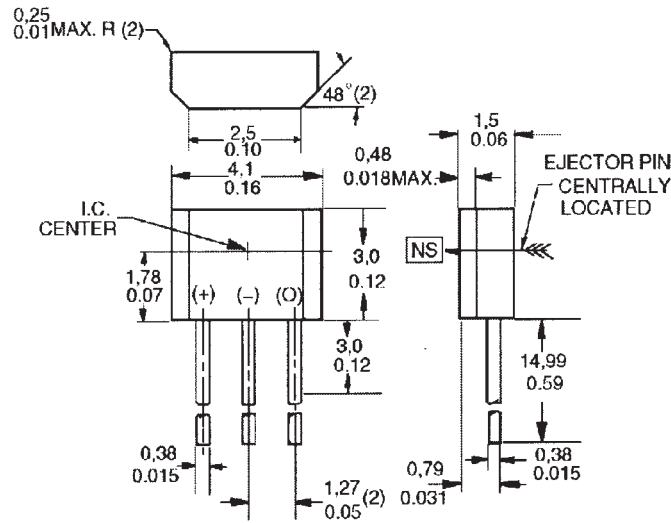
Solid State Sensors

Digital Bipolar Position Sensors

SS40



MOUNTING DIMENSIONS (For reference only)



FEATURES

- Small size (.16" x .12")
- Reverse power polarity protection
- Current sinking output
- Sensitive magnetic characteristics
- Operating speed from 0 to over 100 kHz
- Operating temperature range: -40° to 150°C

SS40 ORDER GUIDE

| Catalog Listings | | SS41 | | |
|-----------------------------------|-------------------|---|-------|---------|
| Supply Voltage (VDC) | | 4.5 to 24 | | |
| Supply Current (mA) | | 4 typ., 8.7 max. @ $V_s = 4.5V$ 6 typ., 15 max. @ $V_s = 6$ to 24V | | |
| Output Type | | Sink (20 mA max.) | | |
| Output Voltage (V) | | 0.15 typ., 0.40 max. @ -40 to +125°C 0.15 typ., 0.45 max. @ 125 to 150°C | | |
| Output Leakage Current (Released) | | 10 μA Leakage into sensor | | |
| Output Switching Time | Rise (10% to 90%) | 0.2 μs typ. 1.5 μs max. | | |
| | Fall (90% to 10%) | 0.5 μs typ. 1.0 μs max. | | |
| Magnetic Type | | Bipolar | | |
| Magnetic Char. & Temp.* | 0 to 85°C | Max. Op. | G 150 | mT 15.0 |
| | | Min. Rel. | -150 | -15.0 |
| | | Min. Dif. | 50 | 5.0 |
| | -40 to 125°C | Max. Op. | 200 | 20.0 |
| | | Min. Rel. | -200 | -20.0 |
| | | Min. Dif. | 40 | 4.0 |
| | 25°C Typ. | Typ. Op. | 40 | 4.0 |
| | | Typ. Rel. | - 40 | - 4.0 |
| | | Typ. Dif. | 80 | 8.0 |
| | -40 to 150°C | Max. Op. | 250 | 25.0 |
| | | Min. Rel. | -250 | -25.0 |
| | | Min. Dif. | 30 | 3.0 |

*G = Gauss
mT = milliTesla.

Mouser Electronics

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[SS41](#)