

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.
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Freeport, Illinois 61032



Solid State Sensors
Digital Bipolar Position Sensors

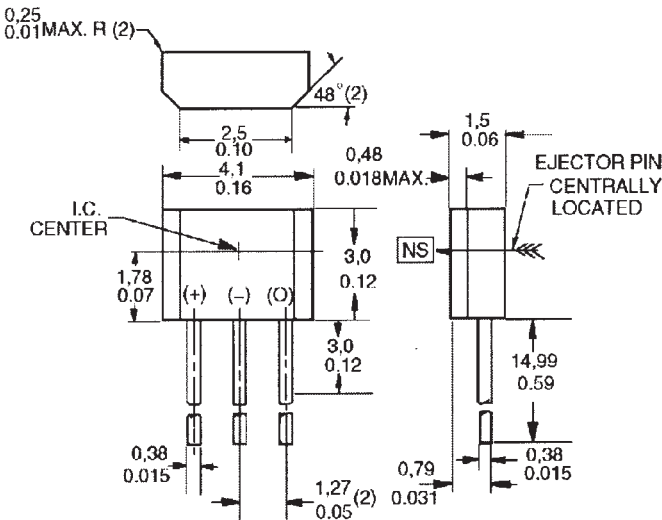
SS40



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: -55° to 150°C

MOUNTING DIMENSIONS (For reference only)



SS40 ORDER GUIDE

Catalog Listings		SS41	
Supply Voltage (VDC)		4.5 to 24	
Supply Current (mA)		4 typ., 8.7 max. @ Vs = 4.5V 6 typ., 15 max. @ Vs = 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
	-55 to 150°C	Max. Op.	250 25.0
		Min. Rel.	-250 -25.0
		Min. Dif.	30 3.0

*G = Gauss
mT = milliTesla.