

Honeywell Sensing and Control

103SR13A-1



Actual product appearance may vary.

103SR Series Unipolar Hall-Effect Digital Position Sensor with 15/32 in cylindrical aluminum housing; two hex nuts; 152,4 mm [6 in] lead wires; current sinking output; and Vdc supply voltage

Features

- Current sinking ouput
- Rugged, sealed threaded aluminum housing NEMA 3, 3R, 3S, 4, 12 and 13 requirements
- 24 gauge, 152,4 mm [6 in] stranded leadwires, color coded and irradiated polyethelene insulated
- Adjustable mounting

Product Specifications	
Product Type	Hall-Effect Digital Position Sensor
Package Style	Metal Cylindrical
Supply Voltage	4.5 Vdc to 24.0 Vdc
Output Type	Sink
Termination Type	152,4 mm [6.0 in] stranded lead wires
Magnetic Actuation Type	Unipolar
Operating Temperature Range	-40 °C to 100 °C [-40 °F to 212 °F]
Storage Temperature	-40 °C to 100 °C [-40 °F to 212 °F]
Output Voltage	0.4 Vdc max. (operated)
Switching Time Rise (10 % to 90 %)	1.5 μs max.
Switching Time Fall (90 % to 10 %)	0.5 μs max.
Sealing	NEMA 3, 3R, 3S, 4, 12, 13
Availability	Global
Supply Current (max. @ 25 °C)	10 mA
Output Current (max.)	20 mA
Operate Point @ 25 °C	49,5 mT [495 G] max.

Release Point @ 25 °C	20,0 mT [200 G] min.
Leakage Current max.	20 μΑ
Probe Length	25,4 mm [1 in]
Differential	3.5 mT [35 G] min.
Series Name	103SR



