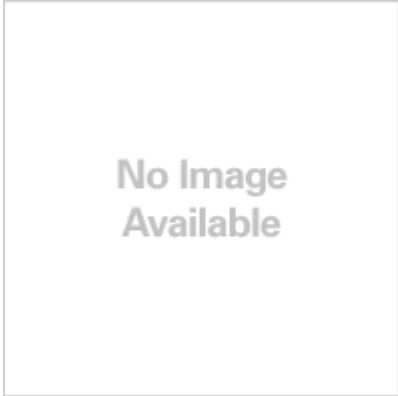


Smart Proximity Sensor

E2NC-ED02



Image

Smart Proximity Sensor, Sensor Head, Cylinder type, 8 dia., Shielded, Sensing distance: 2 mm

Sensing head size	8 dia.
Type	Cylinder type Sensor Head, Shielded
Sensing distance	2 mm

Ratings/Performance

As of August 8, 2024

Sensing head size	8 dia.
Type	Cylinder type Sensor Head, Shielded
Sensing distance	2 mm
Differential distance	Variable
Repetition precision	2 μm
Sensing object	Ferrous metal (Sensitivity lowers with non-ferrous metals.)
Standard sensing object	Iron 10 x 10 x 3 mm
Ambient temperature (Operating)	-10 to 60 °C
Ambient temperature (Storage)	-20 to 70 °C
Ambient humidity (Operating)	35 to 85 %
Ambient humidity (Storage)	35 to 85 %
Temperature characteristic	Sensor Head: 0.08 %/°C Except for Sensor Head: 0.08 %/°C
Insulation resistance	50 MΩ min. at 500 VDC
Dielectric strength	1,000 VAC 50/60 Hz 1 min
Vibration resistance	Destruction: 10 to 55 Hz, 1.5 mm double amplitude each in X, Y, and Z directions for 2 h
Shock resistance	Destruction: 500 m/s ² 3 times each in X, Y and Z directions
Degree of protection	IEC: IP67
Connection method	Connector type (2.6 m)
Weight	Package: Approx. 120 g
Material	Sensor Head: Brass Sensing surface: Heat-resistant ABS resin Pre-amplifier: PES
Accessories	Instruction manual