



ENGLISH

Datasheet

RS Pro Cylindrical PNP Magnetic Pickup, 2.5 mm Detection Range, 60 V

RS Stock No: **285-756**



Product Details

RS Pro cylindrical PNP magnetic pickup has a detection range of 2.5 mm and supply voltage of 60 V. It is suitable for use in a wide range of sensing applications. This analogue-output style transducer is available in three sizes 1/4 Inch (std.), 3/8 Inch (high o/p) and 5/8 Inch (heavy duty). It offers an inexpensive solution wherever a simple alternating waveform corresponding to movement past the pole piece is required. This is a passive device requiring no external power. This yields an output voltage in response to variations in the self-induced magnetic field caused by proximity to moving ferrous metal part. It is steel encased for ruggedness and is supplied with two fixing nuts.

Features and Benefits

- The output voltage is given for a load of 100 k Ω with a 0.005 Inch air gap at 20 kHz operation
- 2.5 mm detection range
- Operating temperature range of -40 to +108°C
- 33 mm long
- 3/8-24 UNF-2A thread size

**Specifications:**

| | |
|-------------------------------|---------------------|
| Body Style | Cylindrical |
| Detection Range | 2.5 mm |
| Dimensions | 9.53 (dia.) x 33 mm |
| Housing Material | Stainless Steel |
| Length | 33 mm |
| Maximum Operating Temperature | +105°C |
| Minimum Operating Temperature | -40°C |
| Output Type | PNP |
| Supply Voltage | 60 V |
| Terminal Type | Wire Lead |
| Thread Size | 3/8-24 UNF-2A |