

ER2628 PROXIMITY READER

Features

- 125 KHz typical operation frequency
- Reading of amplitude-modulated transponders
- Wide range compatibility with various tag ICs
- Long distance and fast response reading capability
- RS232 output/USB connectivity optional
- Dual-color LED and loud buzzer indications
- Very low power consumption
- D-Sub 9 pin connector and RS232 cable

Specifications

Power Requirements

Power supply:	12VDC, nominal
Operating voltage range:	8VDC – 18VDC
Absolute maximum:	25VDC
Current consumption:	29mA
Peak current:	Less than 55mA

Functional

Reading distance:	Up to 140mm
Reading response:	Less than 0.1second
Accuracy:	Less than 1 misread per 1 million

Operating Parameters

Visual indication, normal:	LED red
Visual indication:	LED green upon successful read
Audio indication:	Buzzer beep upon successful read
RS232 baud rate:	9600baud
RS232 format:	1start bit, 8data bits, no parity, 1stop bit

Mechanical Sizes

Height x Width x Depth:	125mm x 100mm x 32mm
RS232 cable length:	1m
Weight:	150g