

## Description

The Elpas Proximity BUS Reader is a 125 kHz, EM4100 compatible; indoor/outdoor surface mounted proximity reader. The reader features low power consumption, high reliability, and consistent read ranges (up to 10 cm /4 inches), regardless of card or tag.

## Specifications

**Frequency:** Low frequency electromagnetic field (125 kHz)

**ISO Card Standard** EM 4100

**Read Range** Up to 10 cm/4.0 inches (actual range depends on the proximity card or tag)

**RS-485 BUS** 230 kbit/sec

**Device Supervision** Lost Away, Low Voltage, RS-485 BUS Communication Problem

**Red LED Indicator** Unregistered in Eiris/ELC Programmer - Flashes once/second

Power up/RS-485 Communication Loss - Flashes once/second

**Status LED** Software configurable

**Inputs/Output** Two analog inputs, One open collector digital output (up to 100mA)

**Input Supervision** 4 Levels (Open, Closed, Line Short, Line Cut) using optional Elpas End-of-Line Terminator

**Power Requirements** 12–28 VDC, 48mA @ 24VDC.