EXprox²K

Proximity Readers

EXprox²K is a range of high-performance contactless proximity readers from TDSi.

EXprox²K is designed to be mounted in a standard electrical back-box making for a neat and simple installation. All products are supplied with a choice of covers allowing the look of the reader to be changed to suit its surroundings.

EXprox²K

SPECIFICATIONS

TDSi Part No.	5002-0396
Dimensions	102 x 102 x 20 mm. Connector including terminal block protrudes by 11 mm from rear face.
Weight	270 g
Operating Environment	-20°C to +55°C, 0 to 95 %RH (non-condensing)
Power Supply	9 to 16 VDC, 75 mA max
Operating frequency	126 kHz (nominal)
Card technology	EM4100, EM4102, EM4200 and compatible
Sounder	Integral with external control
LEDs	2 – red and green both with independent external control. Bi-colour input capability for connection to TDSi access control units.
Read range	150 mm (nominal) with ISO card, 70 mm (nominal) with tag
Output formats	Mag stripe, 26-bit Wiegand

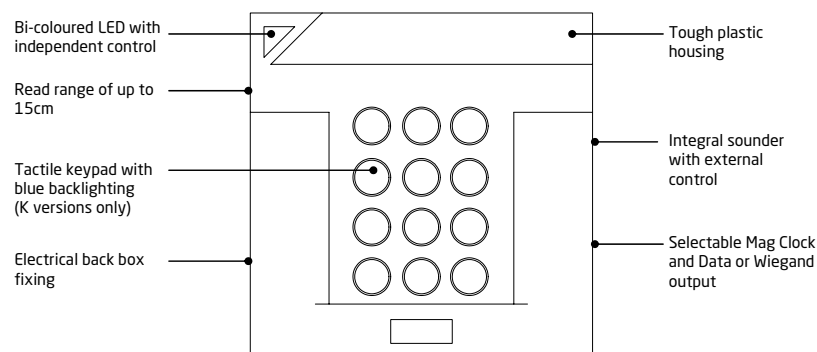## ORDERING INFORMATION

Part Number: 5002-0396
Description: EXprox²K proximity reader with keypad

Part Number: 4262-0245
Description: ISO white proximity card

Part Number: 4262-0246
Description: Proximity tag

- Bi-coloured LED with independent control
- Read range of up to 15cm
- Tactile keypad with blue backlighting (K versions only)
- Electrical back box fixing
- Tough plastic housing
- Integral sounder with external control
- Selectable Mag Clock and Data or Wiegand output

FEATURES & BENEFITS

Mounting into a standard electrical back-box
Neat installation into a standard fitting.

Tough plastic clip-on covers in both graphite and light grey
Adapt the look of the reader to suit the surroundings.

Supports the 2 Reader Mode of MICROgarde access control units
Use MICROgarde to control 2 doors both with read-in/read-out. Saves on hardware, installation time and cost.

Available with a blue backlit keypad
Increase security by adding a PIN to your card-based access control.

Pluggable terminal block cable termination
Allows the cable to be pre-wired prior to installation of the reader for convenience.

Fully encapsulated design
Provides maximum protection against water ingress making it suitable for mounting both indoor and out.

Integral LEDs and sounder
Gives the user unambiguous audible and visual indication of card reads and access status Maximises user confidence.

Industry standard outputs
Allows connection to all standard access control panels.

Read range of 150 mm (nominal)
Easy to use.