



EXprox²

Proximity Readers

EXprox² is a high-performance contactless proximity reader from TDSi.

EXprox² 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.

SPECIFICATIONS

TDSi Part No.	5002-0395
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: 5002-0395**
Description: EXprox² proximity Reader
- Part Number: 4262-0245**
Description: ISO white proximity card
- Part Number: 4262-0246**
Description: Proximity tag

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.
- 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.



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