



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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