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Network Proximity Reader

AV-PROX

User Manual



Please read the manual carefully before installing this unit

1. Packing list

Name	Quantity	Remarks
Reader	1	
User manual	1	
Screw driver	1	Φ20mm×60mm, special for reader
Rubber plug	2	Φ6mm×30 mm, used for fixing
Self tapping screws	2	Φ4mm×28 mm, used for fixing

Please ensure that all the above contents are correct. If any are missing please notify us immediately.

2. Specification

Material	Zinc alloy
Operating Voltage	9-16V DC
Output	Wiegand 26
Card type	EM 125KHz
Reading Distance	2-5 cm
Communication Distance	100M
Idle Current	<60mA
Operating Temperature	-45°C~60°C
Operating Humidity	10%- 90% RH
Waterproof	Conforms to IP68
Dimensions	120 x 56 x 18 mm

3. Installation

- Remove the back cover from the front using the special screw driver supplied.
- Use template to drill two holes on the wall for the self-tapping fixing screws and one for the cable.
- Remove template, put the two wall plugs into the fixing holes.
- Fix the back cover firmly on the wall with the two self-tapping screws.
- Thread the cable through the cable hole, connect the wires needed, wrap unused wire with insulating tape isolated to prevent short circuit.
- Attach the reader to the back cover.

4. Wiring

Wire No.	Function	Color	Description
1	LED	Blue	Connect with controller LED
2	Beeper	Yellow	Connect with controller beeper
3	D0	Green	WG output line D0
4	D1	White	WG output line D1
5	+12V	Red	Power supply +12V
6	GND	Black	Power supply -12V

5. Wiring Diagram

