PRT22WM
Access Control Terminal

The proximity reader equipped with Wiegand26® and Clock&Data communication interface.

The PRT22WM reader is to be used in conjunction with an access controllers which requires Wiegand26® or Clock&Data communication interface and accepts UNIQUE standard cards (EM4001/2) or compatible. The required interface is selected by connecting/disconnecting a programming jumper.

The reader is equipped with three LED's and a buzzer. The buzzer and two of the LED's can be externally controlled by separate input lines. PRT22WM utilize an optical TAMPER detection circuit.

The circuit emits an infrared beam, which reflects from the bottom of the case, returns to the receiver and activates the TAMPER line output transistor.

PRT22WM readers can be installed on both sides of one wall, in one optical axis; an mutual impact of the readers interferences can be observed only if a distance between two readers is less than 10..15cm. Reader can be installed direct on metal surfaces, however, in such location the reading range can be reduced by approx. 25%. The reader has IP56 protection degree, can operate in outdoor conditions.

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Technical specification

- power supply voltage 4.75....16VDC,
- input current: average 40mA,
- TAMPER output current, max. 20mA, less than 16VDC,
- reading range approx.12 cm for ISO cards (supplied by SOKYMAT),
- UNIQUE standard cards, ASK modulation 125kHz (EM4001/2) or compatible,
- Operating ambient temperature -20....+60 C,
- controller cable length 150m,
- humidity: 0..95% (no condensation),
- protection code: IP 56,
- dimensions width x height x depth 100 X 65 X 27,
- casing options:
  - ABS black, symbol : PRT22WM-BK
  - ABS dark gray, symbol : PRT22WM-DG
  - ABS light gray, symbol : PRT22WM-LG
- weight : 160 g.