

FPR-PRX

Fingerprint and proximity reader in **ONE** single unit



Increased security in minimal space!

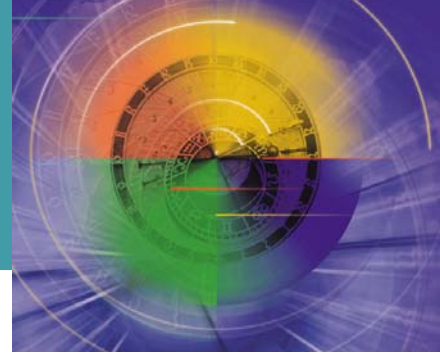
Benefits:

- A cost-effective solution
- Reliable, attractive design
- Compact size - minimal space required
- Easy installation and operation

Features:

- Available with T.C. sensor
- Connects to SY-400
- **IP44 compatible - Protection against splash water from all directions make the FPR-PRX the perfect choice for indoor/outdoor use**

FPR-PRX



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How does it work?

- There are three modes of operation:
 - Proximity only
 - Fingerprint only
 - Combination of proximity and fingerprint, for the highest security level
- Proximity badges are recommended for maximum protection against duplication. Each worker is issued an entry badge with his name and employee number. The employee swipes his card in the reader and then places his finger over the FPR-PRX for quick reading. Within approximately 1 second a comparison is made between the stored template, the fingerprint readout, and the badge, and if all matches, access is granted.

Modes of Operation

The FPR-PRX reader allows for three basic operations:

1. Enroll - new fingerprint recognition and new fingerprint template generation.
2. Verification - comparison of the fingerprint being read with the corresponding stored template (one to one comparison).
3. Identification - comparison of the fingerprint being read with the entire database of stored templates (one to many comparison).

Proximity Reader Features

Proximity card is also used as an interface for the reader, a filtering circuit, fingerprint reader, buzzer and LED operation.

Technical Specifications

- Power supply: 5 Vdc @1A

Fingerprint reader

- Template size: 384 bytes
- Available security levels: very high*, high, average, low and very low
- False acceptance/rejection: 0.001 (average security level)
- Communications: asynchronous, up to 115,200 bps, TTL interface
- Allowable finger rotation +/- 45 degrees
- Allowable displacement +/- 5 mm
- Equal error rate 0.001
- Verification time <1 s
- Enrollment time <5 s
- Connects to SY-400

Proximity reader

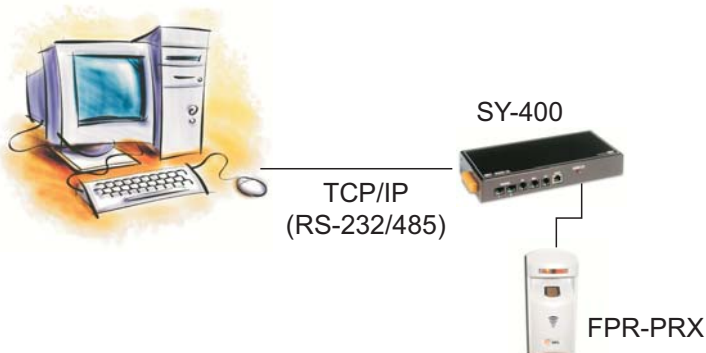
- Frequency range: 125 kHz
- Reading distance: 4-8 cm
- Output format: C&D ABA Track II
- Synel mode only (14 characters)

Mechanical Features

- Dimensions: 15.5 x 7 x 6.1 cm
- Weight: 350 g (including cable)

Environmental Features

- Operating temperature: -10 to +60°C
- Relative humidity: 95%
- CE and ROHS compatible
- IP65 compatible



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Pictures in this brochure are for illustration purposes only.
The technical data sheet packed with the product is the only obligatory source of technical information

