proxEntry®

BPM12 – bioProx mifare®reader

Fingerprint verification to identify a person is the most used biometric technology in the access control environment. Two biometric sensors are available: a basic microchip version and a more sophisticated optical unit. The new bioProx chameleon concept allows you to choose between the two biometric sensors and between all available PRX5 proxEntry® readers.

BPM12

You can select to have the template either in the memory of the BPM12 unit or you can store the template directly onto your access control card what is the best solution in terms of any privacy issue.

If you don't want to use a prox reader at all you can select the key-pad-only-version where you have to type in your template number and then the unit will verify against the presented finger template.

The chameleon concept allows you to generate a proper technology mix but also gives you the opportunity to design and colour the outside of the unit to fit your building requirements. At any time you can efficiently change the biometric sensor or the chosen reader by just plug and play and without changing the system which controls your security needs.

Your Benefits at a Glance:

- **High Definition Optical or Chip-Based Sensor**
- **Fast Verification Time**
- **Compatible to Broad Range of Reader Technologies: mifare®, my-D, ISO 15693, LEGIC®, ISO 14443, DESfire, HID®, deister etc.**
- **Tamper Detection on Removal from Wall**
- **Simple to Upgrade Existing Card Reader Technologies**
- **Use with Most of The Existing Access Control Systems**
- **Chameleon Design to Meet Technological and Design Requirements**

Technical Data

Dimensions: mm (inch) W x H x D	170 x 111 x 71 (6.69 x 4.37 x 2.79)
Housing Material:	ASA
Colour:	grey or black
Protection Class:	IP40
Mounting:	surface mounting
Operating Temperature:	+5 °C...+ 40 °C +41 °F...+ 104 °F
Relative Humidity:	5 %...95 %, non-condensing
Power Requirement:	9...15 VDC / 550 mA
Frequency:	13.56 MHz
Transponder Protocols:	ISO14443A+B
Encryption:	mifare® classic, AES
Reading Distance: mm (inch)	up to 50 (1.97)
Signaling:	red, green, yellow, blue LED
Interface(s):	Open Collector, RS485
Protocols:	Wiegand, Data/Clock, Magstripe, deBus, customized
Data Formats:	serial number or programmable sectors/blocks
Conformity:	EN300330, EN301489, EN60950, EN50364, FCC