

# ASSA Pando™ Mini

**ASSA**<sup>®</sup>  
ASSA ABLOY

Generic reader with pigtail and without keypad

ASSA ABLOY, the global leader  
in door opening solutions



HI-O TECHNOLOGY™



ASSA Pando™ Mini is a generic proximity reader without keypad that belongs to ASSA's new generation of readers. It features a timeless, ergonomic design with interchangeable covers that allow different color choices. The reader is delivered with a black shell and eight other colors are available as options.

The Reader is suitable both for indoor and outdoor where there are no requirements for keypad. Pando Mini, with its mullion reader design is adapted to be mounted on a narrow door.

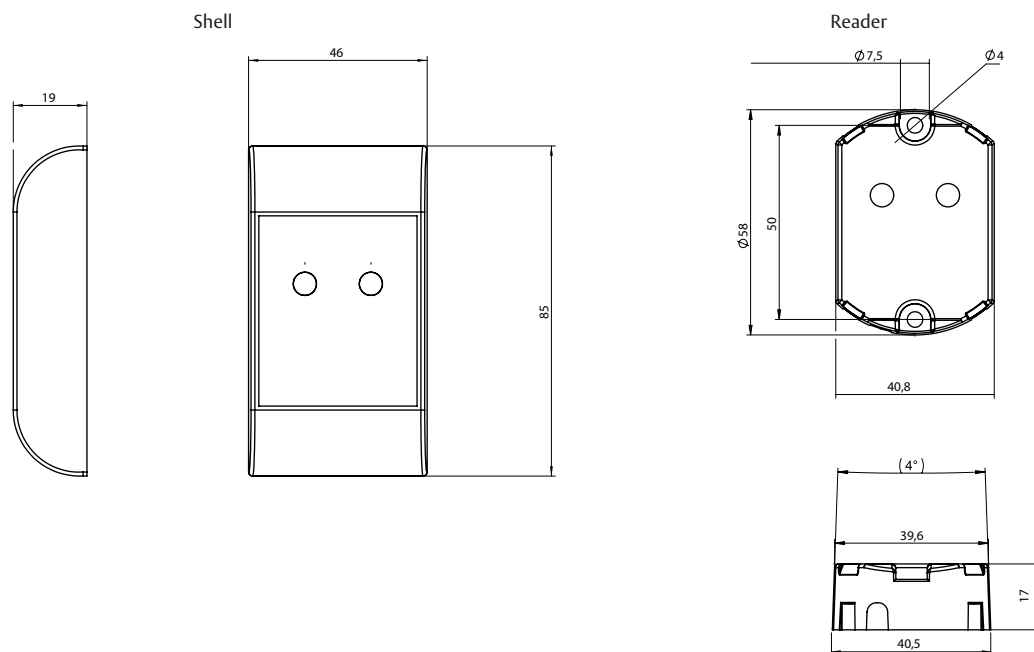
Pando Mini is a future-proof generic reader that can handle 13.56 MHz technologies: MIFARE Classic, MIFARE Plus (level 1 and 3), MIFARE DESFire EV1, iCLASS, and SEOS. The reader also supports future upgrades to upcoming 13.56 MHz technologies.

Moreover, two simultaneous card technologies can be managed, which allows gradual migration from, for example, MIFARE Classic to MIFARE DESFire EV1, without needing double access cards.

For easy operation, the reader has lit symbols for communication with the user, green and red indication for valid and invalid card, or unlocked door.

Pando Mini is equipped with a 3 meter cable. The reader can be configured as an input or output reader, and/or whether the reader should give a beep or not when a card is presented for the reader.

The reader can be connected to ASSA's ARX or RX WEB access control systems.



### Indicators

- Valid card/tag and unlocked
- Invalid card/tag
- Sound when card is presented for reader as well as valid / invalid major and minor sound (adapted for people with disabilities)

### Data

#### IP class 65

- Power supply: 12–24V DC
- Power consumption measured at 12V: 70mA at 24V: 31mA
- Weight: 180G ( with pigtail)
- Pigtail with 3 m cable
- Temperature range: -30°C to +70°C
- Reading technology: Generic 13.56MHz (MIFARE Classic, MIFARE Plus (levels 1 and 3), MIFARE DESFire EV1, iCLASS, and SEOS).
- Communication: Hi-O
- Compatible with: DAC530, DAC564 and LCU9101
- OS: FreeRTOS ([www.freertos.org](http://www.freertos.org))

### Other

- Responsive
- Integrated position sensor which after calibration at startup acts like a tamper alarm if the reader is moved.
- Reading distance up to 5 cm depending on reader technology with ASSA-recommended cards and tags, as described below.

### Part number

- ASSA Pando Mini, black S559 683 084

### Accessories and part number

- ASSA Pando Mini shell, black S559 683 184
- ASSA Pando Mini shell, silver S559 683 186
- ASSA Pando Mini shell, white S559 683 185
- ASSA Pando Mini shell, blue S559 683 190
- ASSA Pando Mini shell, green S559 683 191
- ASSA Pando Mini shell, yellow S559 683 192
- ASSA Pando Mini shell, red S559 683 193
- ASSA Pando Mini shell, orange S559 683 194
- ASSA Pando Mini shell, purple S559 683 195
- ASSA-recommended cards and tags:
  - MIFARE proximity card 1K with sector programming  
Part number: S556 592 001
  - MIFARE proximity card 1K and EM 4200 with sector programming  
Part number: S556 594 001
  - MIFARE bakelite tag 1K with sector programming  
Part number: S556 595 001
  - MIFARE tag 1K and EM4200 combi-tag with sector programming  
Part number: S556 598 001
  - MIFARE DESFire EV1 proximity card 2K  
Part number: S555 912 001

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

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