

Performa® Series Proximity Readers



- Proven RFID technology**
- Compatibility with all Sielox access control systems**
- Globally accepted 13.56 MHz operating frequency**
- Easy installation in any environment**



Control access with Performa® AC-125 series proximity readers built on Sielox's proven radio frequency identification (RFID) technology. A leader in access control solutions Sielox has raised the bar with this line of competitively priced, high-performance proximity readers.

Count on compatibility – today and tomorrow

Sielox's Performa proximity readers operate at 13.56 MHz. Around the world, this frequency has quickly been accepted as the de facto standard for emerging RFID and proximity access control applications.

Performa proximity readers are compatible with...

- All controllers that comply with 26-bit Wiegand data output.
- Most popular access control systems including Sielox's Pinnacle™ and Threshold Enterprise®.
- Performa Proximity Plus® proximity cards and Mirage® legacy proximity cards from Sielox.

High performance in a low-profile, weatherized package

- Performa proximity readers are engineered for high reliability and ease of installation.
- Excellent read range characteristics.
- Industry standard-size switch plate – mullion mount also available.
- Potted electronics – to withstand harsh outdoor environments.

These proximity readers demonstrate Sielox's commitment to revolutionizing the access control marketplace through innovative technology.

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Specifications:

Typical Read Range

Up to 5" with Switch Plate Performa® Proximity Reader
Up to 4" with Mullion Mount Performa® Proximity Reader

Input Power

+12 VDC, at 150 mA
Reader operation from 10.8V to 14.8V

Note: The above voltages are required at the reader, therefore any voltage drop in the cable has to be taken into account. Using the cables specified below assures compliance.

Operating Temperatures

-22°F to + 150°F
-30°C to + 65°C

Transmit Frequency

13.56 MHz

Cables

6 conductor, stranded, shielded, 18 gauge for distances up to 500' and 22 gauge for distance up to 200'
(Belden #5304FE or equivalent for 18 gauge)
(Belden #5504FE or equivalent for 22 gauge)

Certifications

FCC Part 15, USA
CE Mark, Europe

Mounting

Switch Plate: Designed to mount on a single gang electrical box. The reader is easily installed and can be mounted directly on metal with no impact on the read range performance.

Mullion Mount: Designed to mount directly on metal such as door mullions with no impact on read range performance.

Interface

2 wire Wiegand electrical interface

Data Format

26-bit Wiegand

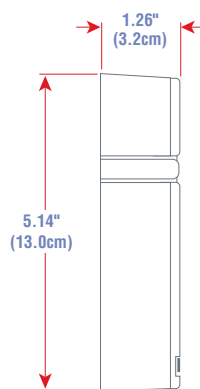
Audio-Visual Indication

Dip switch settings allow for user-selectable red and green LED lights and beeper sounds.

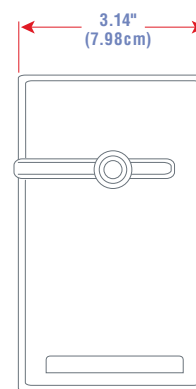
Model Numbers

Switch Plate: AC-125SG (Gray)
AC-125SW (Off-white)

Mullion Mount: AC-125MG (Gray)
AC-125MW (Off-white)



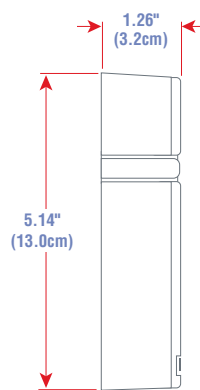
Side View



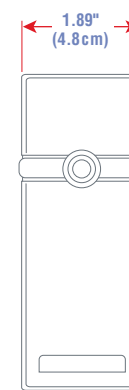
Front View



Switch Plate



Side View



Front View



Mullion Mount

Sielox

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