

PR3000Ex



HAZARDOUS LOCATION PROXIMITY READER

- Secure identification system
- Standard HID protocols
- Explosion-proof enclosure
- Quick status recognition

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General Atomics Hazardous Location Proximity Reader (PR3000Ex) allows industries operating in hazardous locations to add a secure identification system to their current operations. The PR3000Ex uses standard HID protocols for ease of use.

- The PR3000Ex is installed in an explosion-proof enclosure for hazardous locations.
- The optional captive card feature allows for extended card authorization operations.
- In addition to traditional Wiegand protocol, the PR3000Ex offers RS232, RS485, USB and UART communication modes.
- The onboard beeper and LED provides quick status recognition.

TECHNICAL SPECIFICATIONS

Environment:

- -40°C to 65°C
- 5-95% Humidity

Electrical:

- 5 VDC to 16 VDC

Reader Approval:

- Rated for Class I, GR B, C, D
- Class I, Zone 1 Aex d IIC, IP66

Communication:

- RS232, RS485, UART configurable to 9.6, 19.2, 38.4, 57.6 and 115.2 Kbaud
- USB uses Human Device Interface (HDI)

APPLICATIONS

Refineries



Petrochemical Terminals



Offshore Platforms

