



Secure Identity ATEX & Hazardous Solutions
atex@atexdelvalle.com | www.atexdelvalle.com



Access Control **VIPEX** Serie **Ex Atex**



Delvalle, wide experience in manufacturing solutions for hazardous area



WE PUT AT YOUR DISPOSAL

We offer **OVER 40 years** providing **solutions** to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

WHEREVER YOU GO

We are committed to working closely with our customers, providing them with exceptional service and offering an advanced and extensive range of products with very competitive prices.

CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions on demand. Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.

HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very highest quality, suitable and certified products. Our success is due to **top quality** assurance: ISO 9001, SGS, UL, TÜV, ISO 14000 and Ohsas 18001. ATEX, IECEx a nivel mundial.



CONTACT US

Confidentiality, reliability & quality

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ALSO ONLINE

Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.





VIPEX Series

Access Control



Example

Access control ATEX & IECEx
highly adaptable and secure
high frequency access control
solution.

Zones 1, 2, 21 and 22

**We offer you
the most powerful security**

ADVANTAGES

- **Powerfully secure.**
Provides layered security beyond the card media for added protection to identity data using SIOs.
- **Adaptable.** Interoperable with a growing range of technologies and form factors including mobile devices utilizing Seos.
- **Interoperable.** Open Supervised Device Protocol (OSDP) for secure, bidirectional communication.





VIPEX Series

Access Control



CHARACTERISTIC

Access Controls include Open Supervised Device Protocol (OSDP).

A new Security Industrial Association (SIA) standard that together with Secure Channel Protocol (SCP) provides secure communications and central management.

Access Control platform goes beyond the traditional smart card model to offer a secure, standards-based and flexible platform that has become the new benchmark for highly adaptable, interoperable and secure access control solutions.

Ideal for new and existing installations, iCLASS SE readers provide customer the assurance that their existing investments can be leveraged to enhance their system as business requirements change.

The technology independent readers also support credential platforms, as well as standard iCLASS, MIFARE and MIFARE DESFire EV1 supporting custom data models.

Additionally, access control readers support Near Field Communication (NFC) smartphones via Seos, enabling a new class of portable identity credential that can be securely provisioned and safely embedded into both fixed and mobile devices.



Example

As part of HID Global's iCLASS SE platform that is based on the Secure identity Object (SIO) data model and Trusted Identity Platform (TIP), the powerfully secure iCLASS SE readers offer advanced features such as layered security beyond the card media and tamper-proof protection of keys/cryptographic operation using EAL5+ secure element hardware.

**Warranty
from parts
and technical assistance**



VIPEX Series

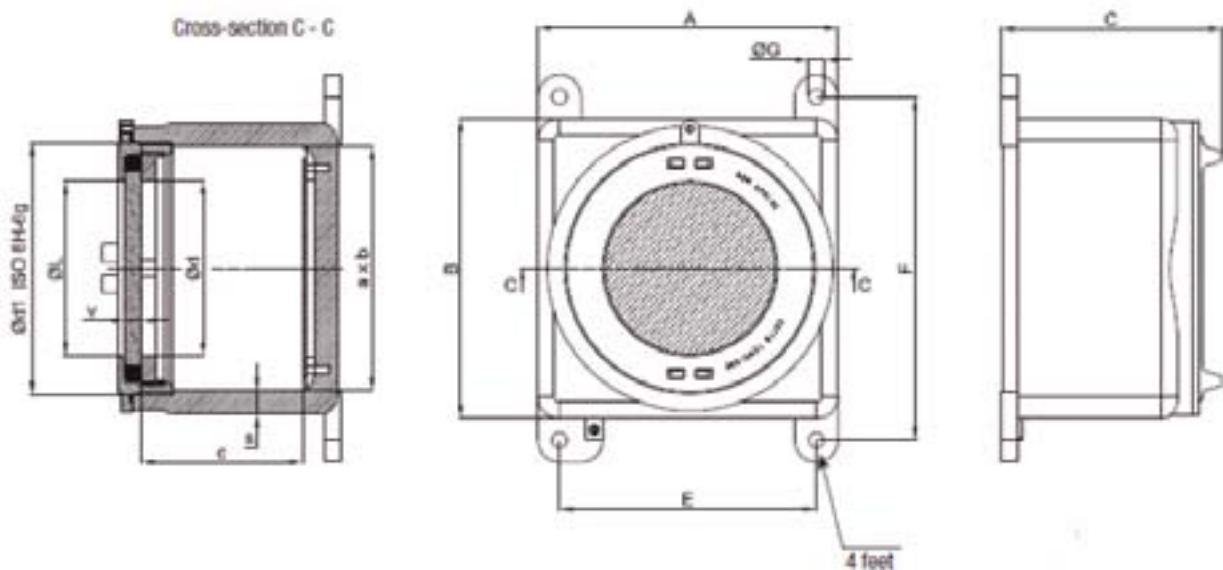
Access Control



Example

TECHNICAL SPECIFICATIONS

DIMENSIONAL DRAWING OF ENCLOSURES WITH ROUND VIEWING WINDOWS



REFERENCES

CONTROL ACCESS															
REFERENCE	mm					Internal dimensions mm							Assembly mm		
	A	B	C	ØL		a	b	c	Ød	ØdI	s	v	E	F	ØG
VIPEX191915	195	195	150	212	140	171	171	95	140	200x2	12	12	175	175	10



VIPEX Series

Access Control



Example

POWERFULLY SECURE

- **Multi-layered security:**
Ensures data authenticity and privacy through the multi-layered security of HID's SIO.
- **EAL5+ Certified Secure Element Hardware:**
Provides tamper-proof protection of keys/cryptographic operations.
- **Secured communications using OSDP**
with Secure Channel Protocol.
- **Expanded iCLASS Elite Program**
Extends private security by protecting uniquely keyed credentials, SIOs and programming keys.

HIGHLY ADAPTABLE

- **Mobile device support using iCLASS Seos** enabling HID access control.
- **Flexible to support future technologies.**
- **Field Programmable Readers:**
Provides secure upgrades for migration and extended lifecycle.

SUSTAINABILITY AND MANAGEMENT

- **Intelligent power Management (IPM):**
Reduces reader power consumption by as much as 75% compared to standard operating mode.
- **Recycled Content:**
Contributes toward building LEED credits.

INTEROPERABLE

- **SIO Media Mapping:**
Simplifies deployment of third-party objects to multiple types of credentials.
- **Industry standard communications using OSDP.**
- **Custom programming support** to read models on MIFARE and MIFARE DESFire EV1 credentials.

**Need
more information?**





VIPEX Series

Access Control



Examples



MARKING

Ex II2GD (Directive)
Ex d IICT5 Gb. (Gas)
Ex tb IIIC T100°C Db – IP66. (Dust)



REGULATIONS & CERTIFICATES

- **Transmit frequency:** 13.56 MHz.
- **Operating Voltage Range:** 5-16 VDC.
- **Typical Read Range:** 5.1 cm.
- **Dimensions reader:** 4,8cm x 10,3cm x 2,3cm
- **Dimensions cabinet:** 195mmx195mmx150mm
- **Panel connection:** Pigtail or Terminal Strip.
- **Communications:** Optional OSDP with SCP over RS485. Wiegand/Clock-and-Data interface 500ft
- Use Shielded cable for best results.
- Keypad: No.
- **Certifications:**
IL294/cUL (US), FCC certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, FIPS-201 Transparent FASC-N Reader: ATEX & IECEx, GOST R, BRASILEÑO TÜV.
- **Crypto Processor Hardware Common Criteria Rating: EAL5+**
- **Atex certification:**
Access Control are ATEX (EN60079) & IECEx certified, in accordance with the two relevant European Directives (99/92/EC and 94/9/EC) and are designed for personal identification applications in explosive environments. The EX II2 GD IP66 explosion-proof casing is well-suited to the chemical, petrochemical and nuclear industries, among others.

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DELVALLE OFFERS OTHER SOLUTIONS ATEX

Atex enclosure
Luxorex Serie



Increased safety enclosure
Tribex Serie



Atex terminal boxes
Terbox Serie



Control equipment
Contrex Serie



Distribution Equipment
 and control
Panelex Serie

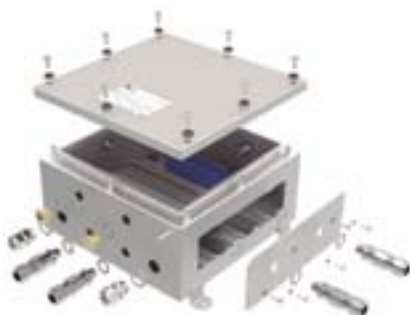


Pressurized enclosure Ex p
Peppex Serie



DELVALLE OFFERS OTHER SOLUTIONS ATEX

Atex junction box
Geoex Serie



Flameproof enclosure
 Atex Ex d
Burj Serie



Workstations
Pcex Serie



Lighting LED Atex
Luminex Serie



Radios Atex Ex
Walkies Talkies

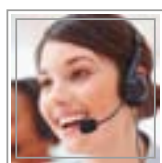


Mobile systems Atex Ex
Smartphones & Tablets





Flexible solutions Atex & IECEX



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Contact us, we will be available at any time.