

1023221511

## EAPFX-1

Exigo Industrial Ex Access Panel

This product has been replaced by [EAPFX-1-V2](#)



Exigo



IP66



IEC Ex Intercom



Atex



IP over 2-wire

## Description

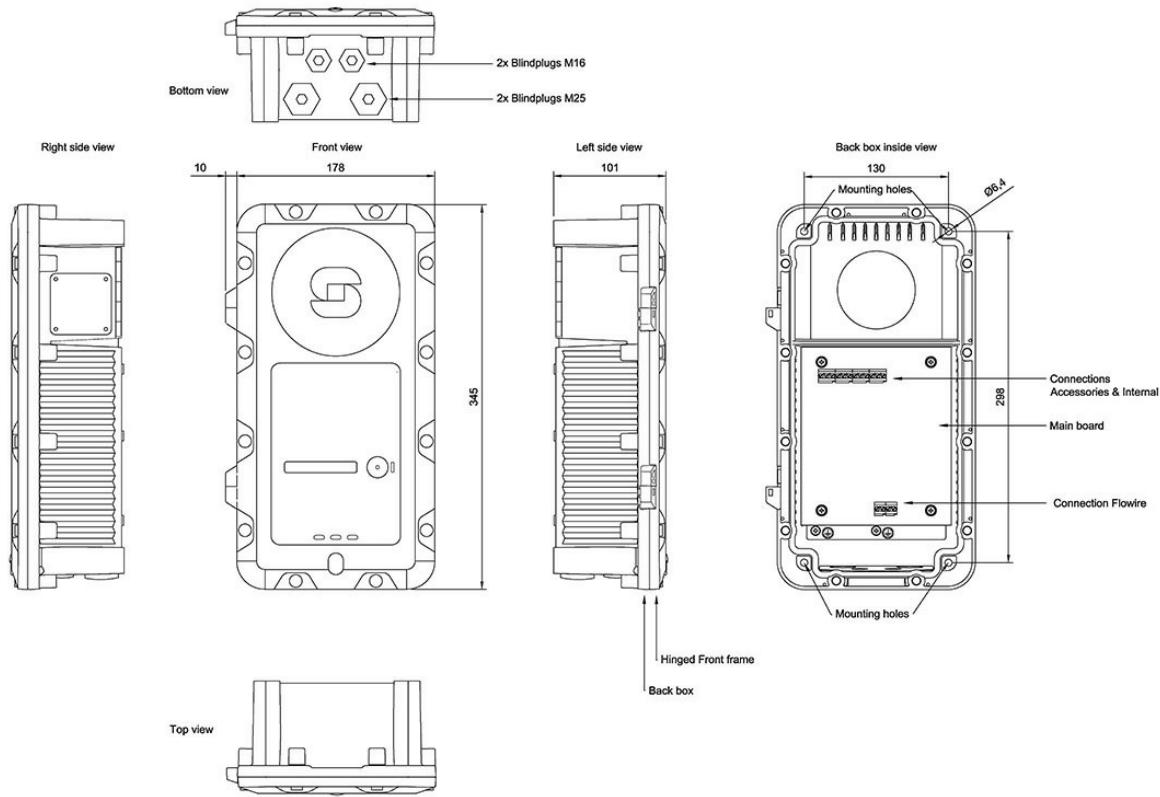
The EAPFX-1 is a rugged access panel, developed for harsh offshore environments and hazardous areas. The antistatic plastic housing withstands corrosion from the most common corrosive gasses and compounds found in this type of environment. The access panel features one fully programmable button, which can be used to manually initiate fire alarms, gas alarms or any other action in the Exigo system.

The access panel is equipped with indicators to show the status of the power supply, call activity and whether a fault is present in the system. The access panel's button features two independent status indicators, which shows the status of the button's function.

The access panel is fully digital, and connects to the Exigo system over a single-pair cable. The access panel is fully monitored to ensure detection of any fault which may compromise the system's functionality.

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# Technical Dimensions



# Specifications

| ORDER NUMBER | TYPE     | DESCRIPTION   | SHIP WEIGHT |
|--------------|----------|---|-------------|
| 1023221511   | EAPFX-1  | Exigo Industrial Ex Access Panel, 1 Button, Flowire     | 3.4 kg      |
| Accessories  |          |   |             |
| 1023533511   | EMMAX-1H | Exigo Handheld Industrial Ex Microphone, 1 Button, IP66 | 0.2 kg      |
| AK5850HS     |          | A-Kabel Twincom Headband Headset ATEX                   | 0.4 kg      |
| 1008140225   | TAX-2B   | Ex-Approved Cable for Headset with PTT Button           | 0.4 kg      |
| 1008150030   | TAX-3    | Ex-Approved Handset with PTT, unterminated              | 0.3 kg      |
| 2990102120   |          | Powerbox PSU, 24V DC, 120W Flowire EX 120               | 1.2 kg      |

## MECHANICAL

|  |                             |
|--|-----------------------------|
| Dimensions (HxWxD):                            | 345 x 178 x 101 mm          |
| Weight:  | 3.4 kg                      |
| Mounting:                                      | On-wall                     |
| Color:   | Black                       |
| Cable entry (default mounted with blindplugs): | 2x M25 and 2x M16.          |
| Cable glands (in delivery):                    | 2 pcs. for Ø10-17 mm cables |

## ENVIRONMENTAL

|                        |                             |
|------------------------|-----------------------------|
| Operating temperature: | -20°C to +60°C              |
| Operating humidity:    | 10% to 95% (non-condensing) |
| Storage temperature:   | -40°C to +70°C              |
| Storage humidity:      | 10% to 95% (non-condensing) |
| IP rating:             | IP-66                       |
| IK rating:             | 7J @-20°C                   |

## ELECTRICAL

|                    |   |
|--------------------|---|
|                    | VNOM = 24 VDC VMIN<br>= 18 VDC VMAX = 24<br>VDC |
| Power consumption: | PNOM ≤ 3 W (idle)<br>PMAX = 8 W                 |

## NETWORK

|         |                                 |
|---------|---------------------------------|
| Flowire | 2 x Power line<br>communication |
|---------|---------------------------------|

## CERTIFICATIONS

|                          |  |
|--------------------------|--|
| Immunity                 | EN 60945, EN 50130-4,<br>EN 61000-6-1, EN<br>61000-6-2, EN 55103-2,<br>FCC-47 part 15B   |
| Emission                 | EN 60945, EN 50130-4,<br>EN 61000-6-3, EN<br>61000-6-4, EN 55103-1,<br>FCC-47 part 15B   |
| CENELEC safety standards | EN 60079-0: 2012, EN<br>60079-7: 2007, EN<br>60079-11: 2012, EN<br>60079-18: 2009        |
| IEC safety standards     | IEC 60079-0: 2011, IEC<br>60079-7: 2006-07, IEC<br>60079-11: 2011, IEC<br>60079-18: 2009 |
| Marking                  | II 2(2) G Ex e ib mb [ib]<br>IIC T4 Gb -20°C ≤ Ta ≤<br>+60°C                             |

## Accessories



EMMAX-1H

Handheld Industrial EX Microphone For Exigo/Turbine



AK5850HS

Ex-approved Headset



FCDC2

Flowire Ethernet Converter - non-PoE This product has been replaced by 1008080310 FCDC3 Flowire Ethernet Converter



EGA-1

Button Protection Covers



## **TAX-2B**

**Ex-Approved Plugbox  
& Cable for Headset  
with PTT**

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