

1023221511

EAPFX-1

Exigo Industrial Ex Access Panel



- Network access panel for explosive atmospheres
- Ex mb ib e IIC T4 Gb
- DSP for acoustic signal processing
- IP networking and power over Flowire technology
- One programmable button with individual label and status indicators
- Optional button protection covers
- Indicators for power, call and fault
- For single or dual systems (A and B systems)

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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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 10	345 x 178 x 101 mm		
Weight:	3.4 kg	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				
Nominal voltage:	VNOM = 24 VDC VMIN = 18 VDC VMAX = 24 VDC			
Power consumption:	$PNOM \le 3 W$	$PNOM \le 3 W$ (idle) $PMAX = 8 W$		
NETWORK				
Flowire	2 x Power line	2 x Power line communication		
CERTIFICATIONS				
Immunity	EN 60945, EN	EN 60945, EN 50130-4, EN 61000-6-1, EN 61000-6-2, EN 55103-2, FCC-47 part 15B		
Emission	EN 60945, EN	EN 60945, EN 50130-4, EN 61000-6-3, EN 61000-6-4, EN 55103-1, FCC-47 part 15B		
CENELEC safety standards	EN 60079-0: 2	EN 60079-0: 2012, EN 60079-7: 2007, EN 60079-11: 2012,EN 60079-18: 2009		
IEC safety standards	IEC 60079-0: 2	IEC 60079-0: 2011, IEC 60079-7: 2006-07, IEC 60079-11: 2011, IEC 60079-18: 2009		
Marking	II 2(2) G Ex e ib mb [ib] IIC T4 Gb -20°C ≤ Ta ≤ +60°C			

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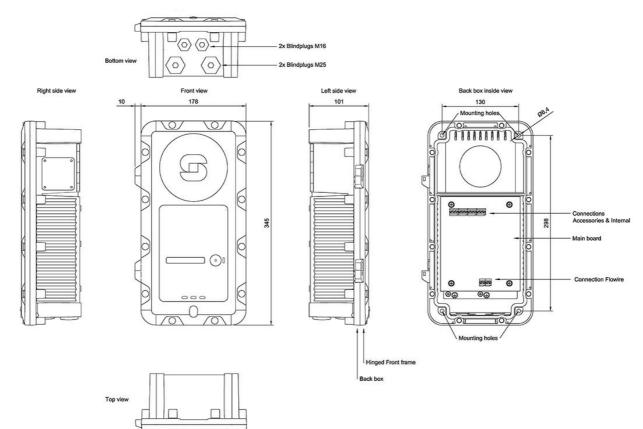
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TECHNICAL DIMENSIONS



ACCESSORIES

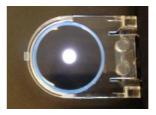


EMMAX-1H Item number: 1023533511

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AK5850HS Item number: AK5850HS





EGA-1 Item number: 1023594100



TAX-2B Item number: 1008150025

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