

# EZ Fingerprint Recognition



**Features:**

- Fingerprint authentication on your Pro-face HMI
- Stores profiles for up to 100 users
- Can be configured to 15-levels of security
- With the setting tool, the fingerprint data can be imported to the HMI unit.
- Combination with a Operation log feature, you can track who did what, and when.

**Specifications**

Model	PFXZCCEUSS1
Supported Software	GP-Pro EX Ver. 3.1 or later
Supported HMI Models	GP4000 Series, GP4000M Modular HMI Series, WinGP, LT4000M
Memory Capacity	100 users (200 fingerprints)
Error Rate	0.1% or less
Connector Type	USB I/F Type A (plug) USB 2.0 Full Speed

**General Specifications**

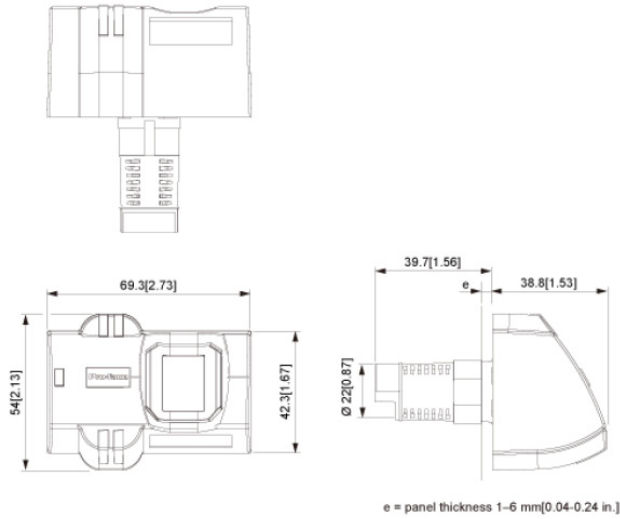
Model	PFXZCCEUSS1
Certifications	CE - EN61000-6-2, EN61000-6-4; UL - UL 508 and CSA C22.2 n°14, RoHS, RoHS China, C-tick, GOST-R, REACH, KC
<b>Electrical Specifications</b>	
Rated Input Voltage	24 Vdc
Input Voltage Limits	20 to 30 Vdc
Voltage Drop	1ms
Power Consumption	1.6W max
In-Rush Current	2.5A max
Voltage Endurance	AC 2kV
Insulation Resistance	10MΩ or more
<b>Environmental Specification</b>	
Surrounding Air Operating Temperature	0 to 50 °C (32 to 122 °F)
Storage Temperature	-25 to 70 °C (-13 to 158 °F)
Ambient Air and Storage Humidity	0 to 85%
Dust	IP65 front face, IP20 back
Pollution Degree	DP2
Corrosive Gasses	Free of corrosive gas
Operating Altitude	0 to 2,000 m (0 to 6,561 ft.)
Vibration Resistance	1gn - 9Hz to 500 Hz, Amplitude 3mm - 5Hz to 9Hz
Electrical Fast Transient Burst	IEC61000-4-4, 2 kV Power Port
Electromagnetic Field	IEC61000-4-3, 10 V/m
Electrostatic Discharge Immunity	IEC61000-4-2, 4 kV Contact Discharge, 8 kV Air Discharge
Shock Resistance	50gn, duration 11ms
No-load Current Consumption	50mA or less
Delays	First-up: less than 2s, Normal operating: less than 1s
<b>External Specifications</b>	
Structure	NEMA #250/UL50 TYPE 12, (on the front panel when properly installed in an enclosure)
Connector Type	USB I/F: Type A (plug), USB 2.0 Full Speed
Connector Type	USB cable: 1.0m (3.28 ft.), Power cable: 2.0m (6.56 ft.) *Max USB cable length is 3.0m (9.84 ft.)
External Dimensions	W 69.3 x H54 x D78.5mm (W2.73 x H2.13 x D3.09in)
Cutout Dimensions	22 mm hole mountig
Weight	140g [0.31 lb]

Note: Design the USB cable width to be 3m or less.

**Attention: Compliance with laws in operating countries**

This product involves fingerprint technology. In some jurisdictions, this product may be subject to notification to and/or approval by relevant local regulatory authority prior to importing this product into such jurisdictions and/or using this product in such jurisdictions. The jurisdictions which do not require such notification and/or approval as of December 1, 2012 ("Non-regulated Jurisdictions") are as follows: Japan, Taiwan, USA, Canada, Mexico, Brazil, Australia, Singapore. In any other jurisdictions, we strongly suggest importers and users to contact the local authority and make inquiries as to notification and/or approval requirements with respect to the imports and the use of this product. Furthermore, if you intend to incorporate this product into any machine, device or application, additional regulations may apply. We also encourage importers and users in the Non-regulated Jurisdictions to confirm the latest notification and/or approval requirements with the local authority as relevant regulations may change from time to time. It is your responsibility to comply with laws that regulate this product. We will not be liable for any claims or litigation arising from the imports or the use of this product in any jurisdiction. You will indemnify us from any claims or litigation arising from the imports or the use of this product.

### Diminision Drawing



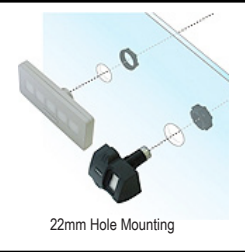
### Ordering Information

Part Number	Description
PFXZCCEUSS1	Fingerprint recognition unit easily connected with HMI via USB.

### Options

Part Number	Description
PFXZCCCVSS1	A protective cover to protect the sensing screen of EZ Fingerprint Recognition Unit (5 pcs/set)
PFXZCCNTSS1	Nut to install EZ Fingerprint Recognition Unit (5 pcs/set)

### Easy to Install



### Easy to Use



### Easy to Connect

#### For Operation

#### Project Transfer

