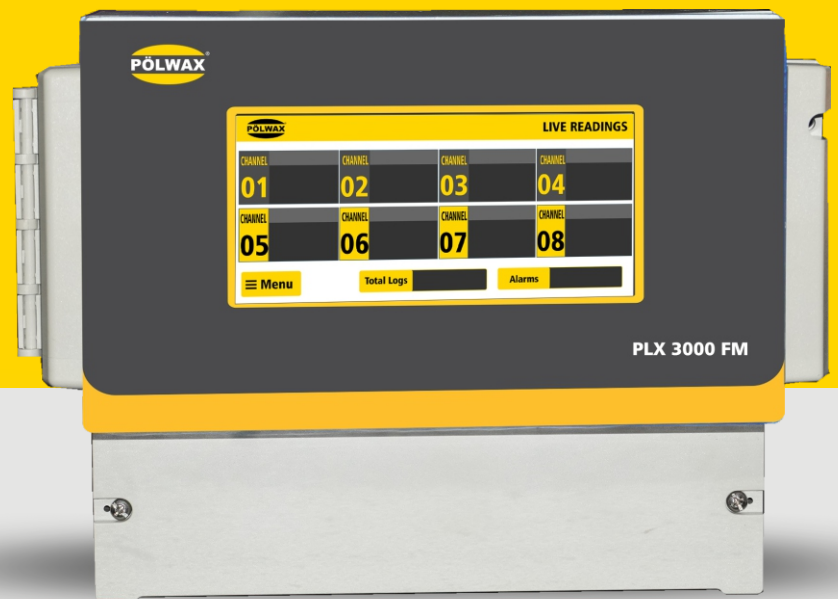


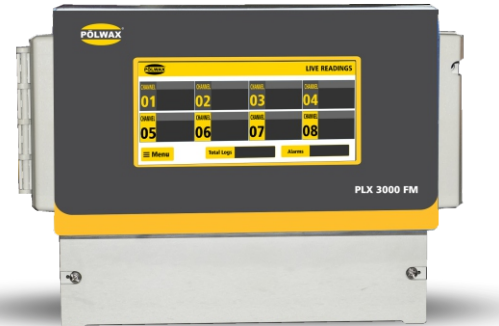
Technical Datasheet

FIELD MOUNT DATALOGGER PLX 3000 FM



FIELD MOUNT- DATALOGGER PLX 3000 FM

The PLX 3000 FM has one of the fastest sampling and logging rates compared to its rivals since it was designed to meet the demands of the processes that are the most dynamic. To achieve high performance logging, it is also necessary to be able to identify sensitive measurement fluctuations, which is possible with its 24-bit resolution. The legacy instruments' manufacturing floor data is brought to management sight by PLX 3000 FM. Due to its potential to expand, Through its communication interfaces, increase the number of measurement points to meet processing requirements. By logging information from distant devices, it compiles all variables in its memory. As a result, the vast amount of data is maintained as a access through networking tools while adhering to industry standards Mapper 4.0



Features

- **Built-in Memorywhen Extended Capability**
- **Process Awareness Via Email and Snmp Warning**
- **Cost-effective data logger wifi / GSM/ Ethernet**

Communication

Multiple protocols, including polwax Cloud Modbus TCP, Modbus gateway mode, FTP server/client, SMTP (e-mail), HTTP server (custom webpage), and SNMP, can be communicated with over the Ethernet interface. Real-time data can be used for standalone applications or as part of a supervisory system thanks to the extensive connectivity. With the RS485 interface, you can read external devices as a Modbus RTU Master or communicate with an off-the-shelf HMI, SCADA, or host system as a Modbus RTU Slave. Data configuration and download are simple processes using the USB "Device" connector. Additionally, you can download recorded data to a USB drive via the USB "Host" connector.





PÖLWAX
PAPERLESS DATALOGGER
PLX1600UM

WiFi
 GSM
 Ethernet
 USB
 RS485
 Printer

SETTINGS

LOGGING INTERVAL
 REAL TIME CLOCK
 E-MAIL/SMS
 CHANNEL INPUT
 PASSWORD
 IP ADDRESS
 COPY DATA
 PRINT DATA

HOME CLEAR MEMORY

LIVE READINGS

CHANNEL	CHANNEL	CHANNEL	CHANNEL
01	02	03	04
05	06	07	08
09	10	11	12
13	14	15	16

Menu GRAPH Total Logs

ENTER VALUE

1 2 3 4 5 - X

6 7 8 9 0 . ENT

BACK

SET CHANNEL PARAMETERS

SELECT CHANNEL: CHANNEL-01 DECIMAL

SELECT INPUT: OFFSET

SET ALARM: LOW HIGH

SET RANGE: 4-20 mA 0-1V LOW HIGH

HOME SAVE

SET LOGGING INTERVAL

HOURS

MINUTES

SECONDS

BACK CANCEL SAVE

User Friendly UI

Technical Details

Channels	8 / 12 / 16 / 24/ 32 / 48
Inputs	Universal / RTD pt100 / Thermocouple / 4-20mA / 0-10V / Customize
Display	7" Color Touch Screen
Ethernet Communications	Webserver / FTP / email / Modbus TCP
Password Protection	Access to conguration is allowed only after the user has entered a password
Language	English
Display Color	TFT
Filename	Name tag, prexed with date/time
Thermocouple Types	B, E, J, K, L, N, R, S, T
Resistance Thermometer	Pt100
Digital Filter	Programmable 0 to 60s
Mounting	Field / Panel
Display Type	Color
Communications	Ethernet / RS485 Modbus / 2x Digital / Wi-Fi / GSM
Power Supply	230 V AC
Operating Temperature	-10 to 50 °C
Storage Temperature	-40 to +70 °C
Data Monitoring Software	POLWAX_View10.4 (Suitable for Win10 / Win10Pro)
Report Format	.PDF / .csv / .xlsx
Cloud Dashboard	Webbase*

* Suitable for any third party Sensors / Transmitters



POLWAX Group has got an experienced, highly-qualified project team conducting extensive R&D operations. Owing to that, goods holding the POLWAX brand feature customer-tailored flexibility and meet requirements of various industries.

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