



UC-50 Series of Displays

General Display & Data Logging Terminal

Product Description

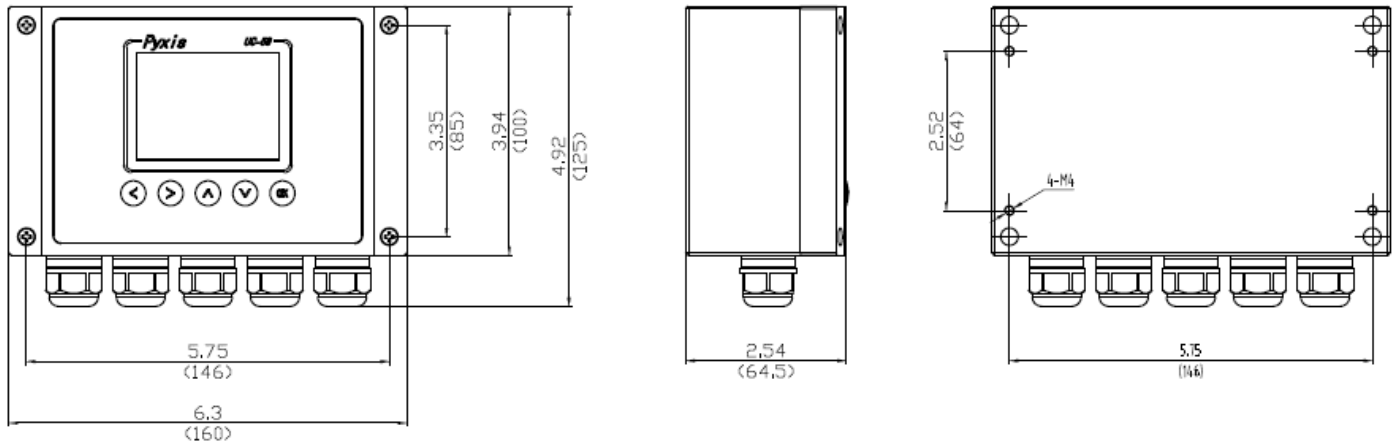
The UC-50 series are preconfigured push-button color micro-display and data logging terminals that can connect any Pyxis sensor via RS-485 and 4-20mA. This microprocessor-based display requires no configuration when connected to Pyxis inline sensors. When Pyxis sensors are landed via RS-485 Modbus, the UC-50 immediately recognizes the sensor or may be selected from an extensive drop-down menu for live sensor value display, color trend charts as well as sensor diagnostics and calibration interface while logging data for USB download. The UC-50 provides RS-485 and 1x 4-20 mA outputs as well as one 24VDC relay output for connection to additional controllers, PLC or DCS systems. The UC-50 series is offered in both 110-220VAC and 24VDC power supply formats.

Features

- 2.8" Color Screen with Multiple Language Options
- 110–220VAC or 24VDC Power Supply Formats
- (1) RS-485 Input and (1) RS-485 Output; Supporting Modbus RTU for Pyxis Sensors
- (1) 4-20mA Analog Input and (1) 4-20mA Analog Output
- (1) 24VDC/10W Relay Output with Relay Trigger Condition Set by User
- Supports All Pyxis Online Sensors for Calibration and Diagnosis
- 1 Year Data Storage and USB Data Upload
- IP-65

Contact Us at order@pyxis-lab.com to Learn More...

Dimensions (mm)



Specifications

Item	UC-50	UC-50A
P/N	43007	77605
Power	110/220VAC; 50-60Hz; 0.6A	24VDC
Display	2.8" Color 320x240 Resolution	
Output	(1) 4-20mA / RS-485 Modbus-RTU	
Input	(1) 4-20mA / RS-485 Modbus-RTU	
Relay Output	One Channel Relay Output; 24VDC ~10W MAX	
Data Storage	32M Flash	
USB	(1) USB Host for Data Downloading	
Dimension	6.3in L x 3.9 W x 2.6in D	
Weight	4.6lbs (2.1kg)	
Operational Temp.	32–122 °F (0–50 °C)	
Storage Temp.	-4–158 °F (-20–70 °C)	
Humidity	5–95% No Condensation	
Protection	IP-65	
Regulation	CE/RoHS/UKCA	

Optional Accessories Information

Part Number

UC-50 General Display & Data Logging Terminal

43007

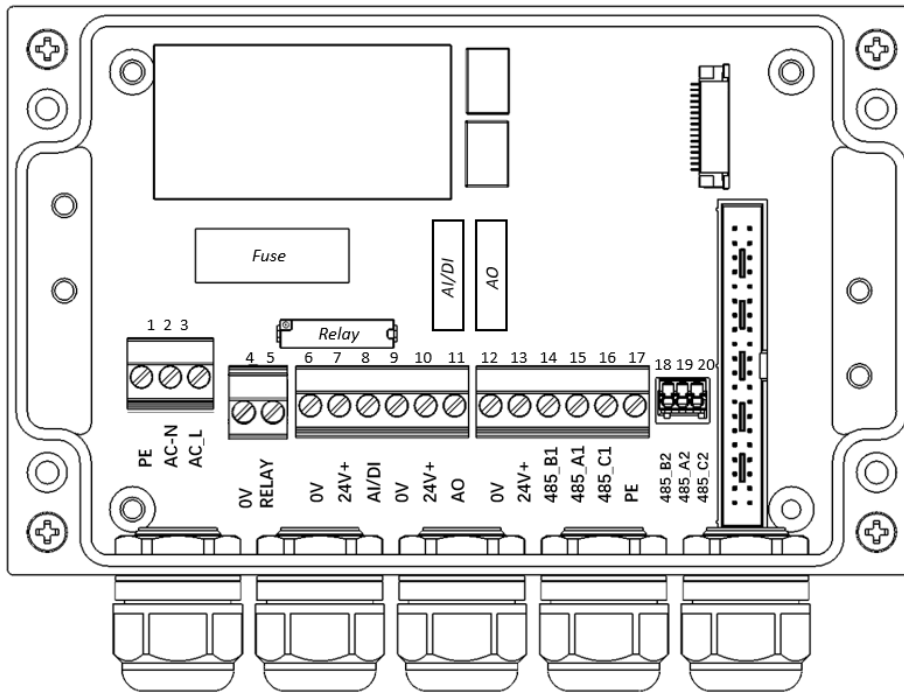
UC-50A 24VDC General Display & Data Logging Terminal

77605

UC-50 Rain & Light Shield (For Outdoor Use)

21440

UC-50 Wiring Diagram



UC-50A Wiring Diagram

*Red Text Areas are Optional

