Product Overview

The AX-LCD-1 unit features a high-contrast, blue backlit liquid crystal display with white text. Various options are available such that the 0-10V / 4-20 mA input can be used to display a variety of ranges and units of measurement.. The displays fit

Features

- Blue LCD Display with 19mm character height
- 0-10V / 4-20mA input range
- Fits standard single gang back box
- 24Vac or 24Vdc supply

Product Specifications

Power Supply	24Vac/24Vdc (±10%) at 30mA
Input	0-10Vdc, 1mA maximum or 4-20mA
Display	Blue LCD Display with 19mm character height
Enclosure	Single gang white Thermosetting Plastic
Terminals	Plug and socket rising clamp terminals for 0.5-1.5mm² cable
Weight & Dimensions	95gms, 85 x 85 x 35mm (approx)
Required Backbox Depth	25mm
Ambient Temperature	0˚C to 60˚C
Country of Origin	United Kingdom

Order Codes

AX-LCD-1	LCD display 24V supply

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Installation

The AX-LCD-1 should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment it is to be connected to and any local regulations. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to.

Connections
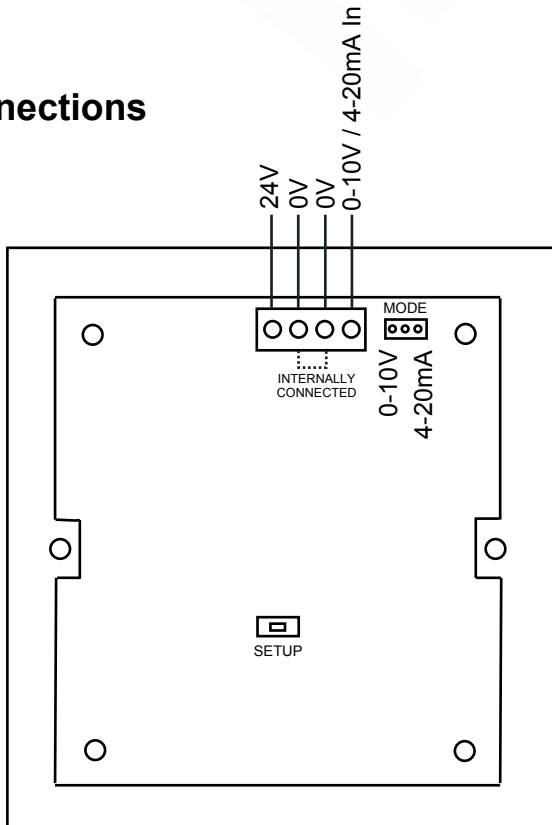
Input selection

Place MODE jumper in 0-10V or 4-20mA position as required. The 0-10V or 4-20mA input is scaled over selected range.

Menu

Press and hold SETUP button for 4 seconds, display shows all symbols followed by selected symbol

Repeatedly press button until required symbol is shown

Available symbols

ºC / Pa / % / RH / %RH / V / non (No symbol)

Press and hold button for 2 seconds

Display shows selected range ie 07 then toggles between low value and high value

Repeatedly press button until required range is shown

Available ranges

01	0 to 100	11	0.0 to 70.0
02	0 to 200	12	0.0 to 99.9
03	0 to 300	13	-10 to 40
04	0 to 400	14	-10 to 50
05	0 to 500	15	-20 to 50
06	0 to 999	16	-25 to 25
07	0.0 to 10.0	17	-40 to 60
08	0.0 to 30.0	18	-50 to 50
09	0.0 to 40.0	19	-99 to 99
10	0.0 to 50.0	20	-9.9 to 40.0

Press and hold button for 2 seconds to return to symbols

Press and hold button for 4 seconds to save, display shows St and resets

Datasheet Contents

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