

Display Unit

DU2050



- Flame Proof for Zone1 Zone2 Gas Gr.IIA, IIB
- 16x2 Character Alpha-Numeric LCD

- Capacitive Touch Keys
- Compact Design

Polmon "DU2050" is designed as an operator interface to industrial control system such as PLC/DCS and other Modbus devices and replaces the need for expensive HMIs.

Features

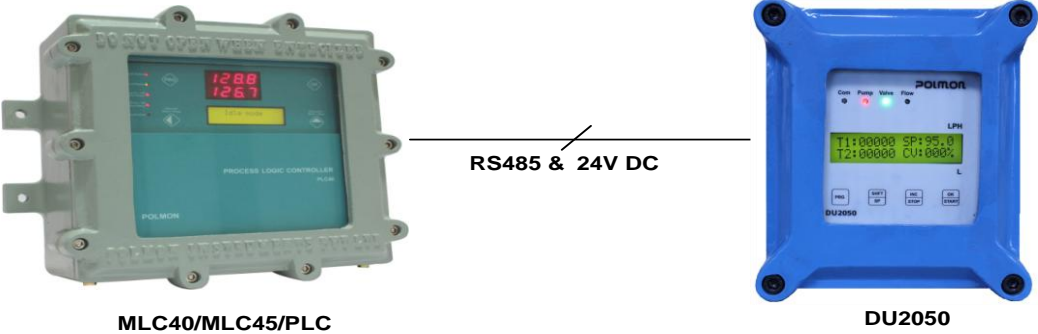
- Compact Design
- Modbus RTU Communication
- 16x2 Character Alpha-Numeric LCD Display

- Capacitive Touch keys operation
- Bi-Colour LEDs for equipment status

Applications

- Reactor automation
- Solvent dispensing system
- Heating & Cooling systems
- Temperature based addition control system

Network Architecture



MLC40/MLC45/PLC

DU2050

# Specifications

Technical		Physical	
Model No	DU2050-X-X-X-X-X-X	Enclosure	Flame Proof for Zone1 Zone2 Gas Gr.IIA, IIB
Screen	Alpha-Numeric LCD	Material	Aluminium alloy
Display Format	16 Characters *2line Alpha numeric LCD	Weight	1.5Kg
Display Character Size	2.95mm(L)x4.35mm(W)	Dimensions (LxWxD)	120x140x50mm
Keypad	Capacitive Touch Keys	Mounting	Wall Mounting
Status LEDs	Bi-Colour LEDs 5 No's	Cable Entries	3 No's ¾" ET
Communication	Modbus RS485 RTU	Glands/Dummies	Not Provided (Order Separately)
Power Supply		Environmental	
Input Supply	24V DC ±10%, 200mA	Operating Temperature	10-50°C
		Humidity	10-90% (non condensing)

Ordering Information for DU2050						
DU2050	X	X	X	X	X	X
Model No.	Enclosure Type	Display type	Communication	Application	Future Use	Future Use
DU2050	F – FLP	1 – LCD Display	1 – RS485 MODBUS RTU	1 – Customized	X	X
				2 – Mobile Solvent Dispensing		

## Mechanical Drawing for DU2050

