

Level Indicating & Controller

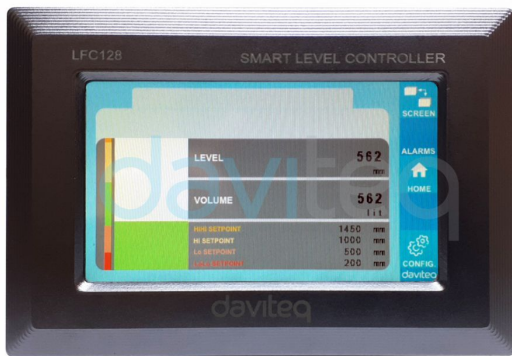
Smart Factory, Smart Building

SKU: LFC128-2

Safe Zone

Hazardous Zones

LEVEL INDICATING CONTROLLER LFC128-2



LFC128-2-H1.PNG

LFC128-2 is a Liquid level indicating and controller for fuel tank, water tank, chemical tank, food tank...It accepts the input signal 4-20mA or ModbusRTU. With look-up table customer easily convert the level to volume value. LFC128-2 with color LCD screen 4.3 inch Resistive touch screen displays full information such as level, volume, alarm, ... It has 04 relays outputs for alarming or controlling pumps/valves. Besides that, there is RS485/modbusRTU port to connect to PLC, SCADA, BMS or IoT platform for remote monitoring & controls.

Applications

Liquid level control and indication for fuel tanks, water tanks, chemical tanks, food tanks

Notes For Applications

- Show full information**
LFC128-2 with color LCD screen 4.3 inch resistive touch screen displays full information such as level, volume, alarm, ...
- Direct display of tank volume values**
Direct display of tank volume value LCF128-2 can display tank level accurately and intuitively with friendly, intelligent interface.
- Automatic on-site control**
With 04 output relays, enable alarm or control.
- RS485/modbusRTU**
With RS485 / ModbusRTU port allows easy connection to PLC, SCADA, BMS or IoT platform for remote monitoring and control

LEVEL INDICATING CONTROLLER (backside)



LFC128-2-H2.PNG

DAVITEQ TECHNOLOGIES INC

Ho Chi Minh City, VN | Koblenz, DE | Melbourne, AU | Zurich, CH

+84.28.6268.2523 / 6268.2524

info@daviteq.com

www.iot.daviteq.com

Created date: Jul-03-2024


Updated date: Nov-04-2024


1/4


Specification

SENSORS SPECIFICATION:	undefined
Digital Inputs	04 x Ports, opto-coupler, 4.7 kohms input resistance, 5000V rms isolation, Logic 0 (0-1VDC), Logic 1 (5-24VDC), Functions: logic status 0/1 or Pulse counting (32 bit counter with max 4kHz pulse)
Analog Inputs	04 x Ports, select between 0-10VDC input or 0-20mA input, 12 bit Resolution, can be configured as Digital input by DIP switch (max 10VDC input)The AI1 port is a 0-10 VDC / 4-20 mA level sensor connection port.
Relay Output	04 x Ports, electro-mechanical Relays, SPDT, contact rating 24VDC/2A or 250VAC/5A, LED indicators
Pulse Output	01 x Ports, open-collector, opto-isolation, max 10mA and 80VDC, On/off control, Pulser (max 2.5Khz, max 65535 Pulses) or PWM (max 2.5Khz)
Communication	02 x ModbusRTU-Slave, RS485, speed 9600 or 19200, LED indicator
Reset button	For resetting 02 x RS485 Slave port to default setting (9600, None parity, 8 bit)
Screen type	4.3" colour LCD Display with Resistive touch screen
Power supply	9..36VDC
Consumption	200mA @ 24VDC supply
Mounting type	Panel mount
Terminal Block	pitch 5.0mm, rating 300VAC, wire size 12-24AWG
Working temperature/humidity	0..60 degC / 95%RH non-condensing
Dimension	H93xW138xD45
Net weight	390 grams

DAVITEQ TECHNOLOGIES INC

 Ho Chi Minh City, VN | Koblenz, DE | Melbourne, AU | Zurich, CH

 +84.28.6268.2523 / 6268.2524

 info@daviteq.com

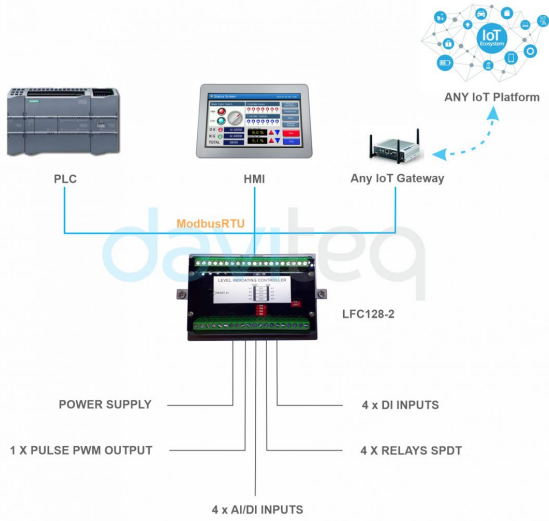
www.iot.daviteq.com

Created date: Jul-03-2024

Updated date: Nov-04-2024

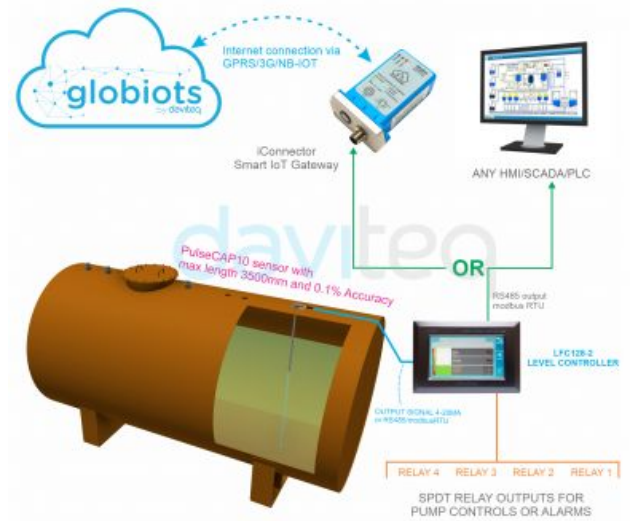
2/4

INDICATE LEVELS for Any PLC, HMI or IOT PLATFORM



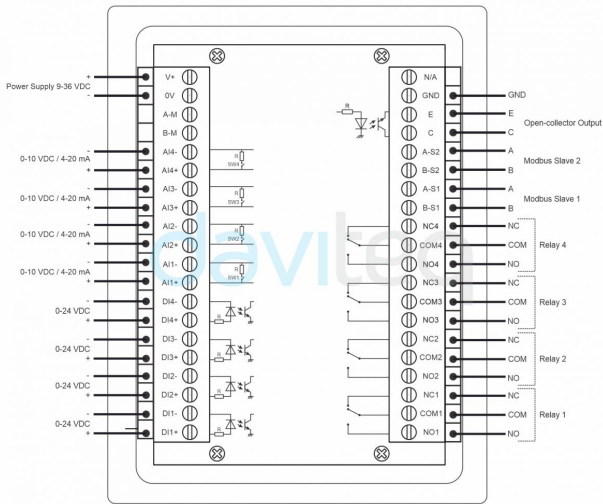
LFC128-2-H3.PNG

Connect with PulseCAP10 on STATIONARY TANK



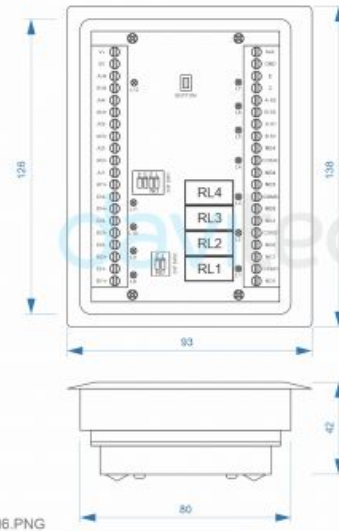
LFC128-2-H4.PNG

TERMINAL ASSIGNMENT



LFC128-2-H5.PNG

DIMENSION DRAWINGS (UNIT: mm)





LFC128-2-H6.PNG


Ordering Information

ITEM CODE	DESCRIPTION
LFC128-2	LFC128 Level Indicating Controller, 4 x Analog input, 4 x Relays, 1 x Pulse Output, 4 x Digital Input, 2 x RS485/ModbusRTU-Slave Communication
Notes	<p>* It is possible to use Wireless Bridges WS433-BL for wireless RS485 connection between LFC128-2 and PLC/SCADA or Modbus master device</p> <p>** For connecting to Globiots platform for data logging, remote monitoring & controls, you can use LFC128-2 with iConnector STHC</p>

DAVITEQ TECHNOLOGIES INC

 Ho Chi Minh City, VN | Koblenz, DE | Melbourne, AU | Zurich, CH

 +84.28.6268.2523 / 6268.2524

 info@daviteq.com

www.iot.daviteq.com

Created date: Jul-03-2024

Updated date: Nov-04-2024

4/4