EYD322-F datasheet

Description

Ultrasonic level measuring instrument, taking the advantages of various many level measuring instruments, is a universal one characterized by total digitalized and humanized design. It has perfect level monitoring, data transmission and man-machine communication.

It is featured by strong anti-interference performance; free setting of upper and lower limits and online output regulation, on-site indication, optional analog, switching value, and RS485 output and easy connection with main unit. The cover, made of waterproof engineering plastics, is small and firm with ABS probe. Therefore, it is applicable for various fields concerning level measuring and monitoring. According to the practical situation, it also can add other modules, such as RS 485, current output; it can be match with PLC better.
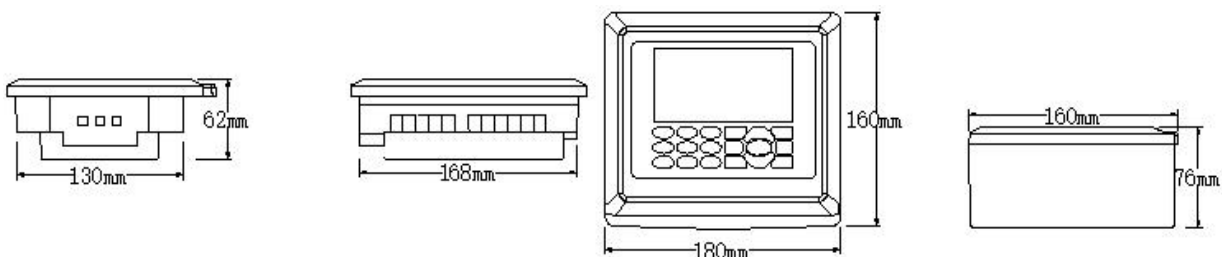
Applications

Widely used in petroleum, chemical, water treatment, water conservancy, steel, coal, electricity, aerospace and food processing industries such as Diesel Oil Tank ,water tank and so on., for acid, alkali, salt, corrosion, high temperature, explosion-proof and other fields.

Features

Sensor: Low power consumption, easy to install and locate, standard 4-20mA output, can be using as level gauge alone.
The probe can be made for IP68, anti-corrosion, explosion, small blind, low power consumption, large range
16 key operation. The human-machine communication between can be more efficient.
Backup and recovery parameter set.
Measure for level, volume, weight.
Set a filter value to remove
Output HART, it can be directly communication with other instruments. (Optional)
Mini SD data collection and GPRS communication are optional.

Dimension

Parameter

Sense Range	3m; 5m; 8m; 10m; 12m; 15m; 20m; 25m; 30m
Blind Area	<0.3m-1.5m
Accuracy	0.3%F.S
Display	LCD
Resolution	1mm
Keyboard	16 key
Output	4~20mA(standard); 0~20mA; 1~5V; 0~5V; 0-10V; 1-10V; RS485; HART
	4 relays (Contact capacity AC:5A 250V DC:10A 120V)
Consumption	<8W
Material	ABS
Dsiplay Screen Dimension	240mm*184mm*110mm
Sensor Dimension	Φ41×100×Φ30 (for range:1 m); Φ55mm×119mm×G1 1/2 (for range:3 m); Φ 74mm×135mm×M60 (for range:3~15 m)' Φ 109mm×200mm×M30 (for range: 16~35 m)
Installation Size	G1 1/2(3m); M60x2 (5-15m); M30X1.5 (20-30m)
Sensor Cable	10m (optional)
Operating Surroundings	normal temperature, normal pressure
Protection Degree	IP53 for instrument
	IP65 for sensor (optional)