

Features

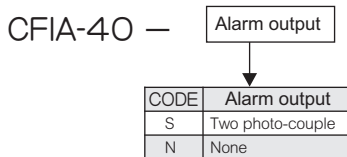
1. Using LED to display, and able to be used in dark environment
2. No external power needed
3. Able to display measured value like pressure, temperature and depth etc
4. Display resolution 1/9999
5. Isolated alarm open drain output
6. Voltage drop will be below 4 volt

Applications

CFIA-40 used to display of temperature, pressure, flow rate, percent, current and voltage for two-wired loop powered



Ordering Information



Technical Specification

Accuracy: $\pm 0.02\%$
 Sampling time: 10 point / sec

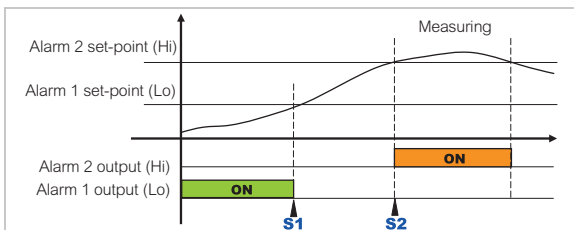
Front panel

Display: 4mA:-1999~+9999
 20mA:-1999~+9999

Over-range indication: "ERR"
 Operation key: ▲ Up key / ▼ Down key

User function

Scaling function: S.E.E.S (High Scale):-1999~+9999
 S.E.E.P (Low Scale):-1999~+9999
 d.p.t (Decimal point):0.0000/0.00/0.00/0.000
 Alarm function: H.L.O:Hi and Low alarm setting
 Setting range:-1999~+9999
 H.S.t (Hysteresis):0~30S
 Alarm outputs: 2 channels photo-couple
 (12~30Vdc, 10mA max)



Power

Power supply: Powered from current loop
 Voltage drop: $\leq 4.2V$
 Storage memory: EEPROM

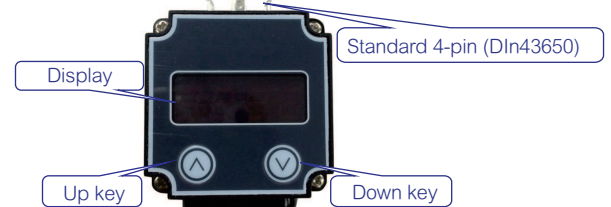
Environmental

Operating temp.: -30~70°C
 Material temp.: -30~80°C
 Humidity rating: 20~95%RH, Non-condensing
 Temp. coefficient: $\leq 80PPM/^\circ C$
 Storage temp.: -40~85°C
 Enclosure: IP52

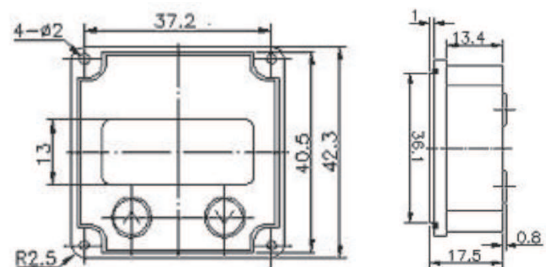
Mechanical Characteristics

Dimensions: 44mm(W)x44mm(H)x17.5mm(L)
 Mounting: Fitted with DIN 43650 connector
 Material: ABS (with fire-retardant)
 Weight: 18.5g

Front Panel

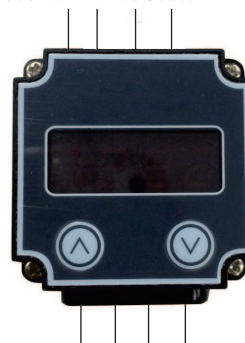


Dimensions



Connection Diagram

Top side PIN1 PIN2 PIN3 PIN4



Bottom side PIN1 PIN2 PIN3 PIN4

	Second Alarm	None
Top PIN1	Power+	Power+
Top PIN2	Alarm1	Power-
Top PIN3	Alarm2	
Top PIN4	Power-	
Bottom PIN1	Transmitter+	
Bottom PIN2	Transmitter-	
Bottom PIN3	Empty	
Bottom PIN4	Empty	

