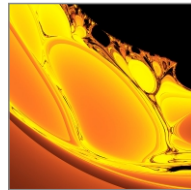
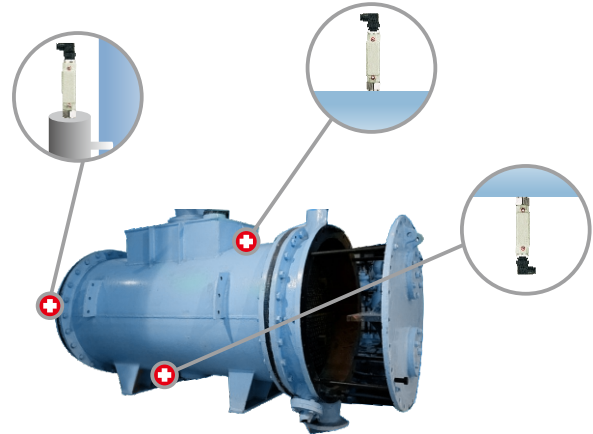


EB43 RF-Admittance level transmitter



DESCRIPTION

With unique mechanical design, EB43 utilizes RF-Admittance principle which is suitable for fluid level detection, including water, water based fluid, fuel oil, lubricant oil, and Freon / Refrigerant. Firm mechanical structure design to ensure reliable & accurate level measurement in various industries.



FEATURES

- Low power consumption (20mA max.)
- High accuracy ($\pm 1.0\% \text{ F.S.}$)
- Applicable for fluid measurement:
 - Refrigerants(ex. R22, R134a,R401a, R404a, R407a, R507).
 - Water based fluid
 - Lubricant oil and fuel oil
 - Petroleum and asphalt
- With button/LED indicator for on site set up.
- Response time less than 1/4 sec.
- Detachable housing design, no leakage during regular maintenance.
- MIL-STD-202F-201A Compliance
- IEC60092, IEC61000-4, IEC60068-2 Compliance

APPLICATIONS

To cope with global warming and environmental regulation, cost of Freon/Refrigerant is increasing. Equipments adopt level transmitter for the purpose of leakage detection & high-efficiency heat exchange management.

EB43 series is applicable for various fluid measurement. With high corrosion proof and anti-alkaline/acid characteristics which can sustain high pressure operation environment. Direct interface with fluid providing output signal of level readings to control system.

Firm mechanical design with IP65 protection rating and MIL-STD-202F-201A compliancy suitable for use in outdoor & harsh environment. Supply voltage output to connect with cloud platform to enhance extensive data management requirement.

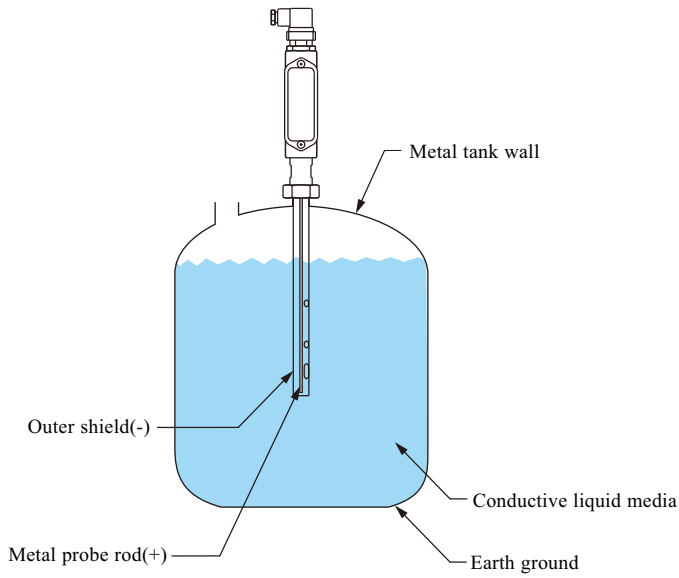
SPECIFICATIONS

Supply voltage	11~36 Vdc
Output voltage	0~5 Vdc or 1~6 Vdc
Length	1500 mm (max.)
Linearity	$\pm 1\% \text{ F.S.}$
Measurement	Refrigerant
User interface	Dual buttons & LED indicators
Ambient temperature	-40~85 °C
Operating temperature	-40~85 °C
Process pressure	27 bar (400 psi)
IP rating	IP 65
Connector	DIN 43650A

INDUSTRY

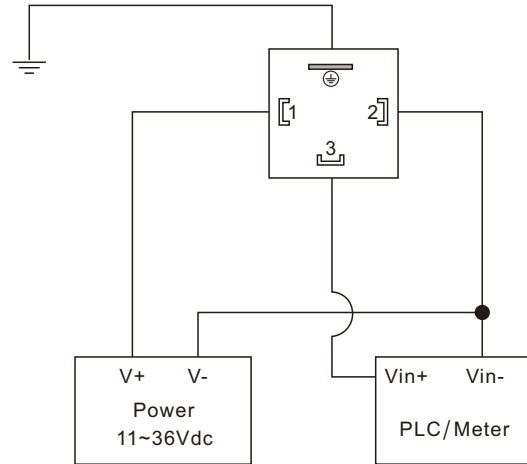
- HVAC
- Flood Monitoring
- Chemical Processing
- Food Machinery
- Sewerage Overflow Management
- Generator oil level detection
- Pharmaceutical Machinery
- Water / Wastewater Management
- Engine oil level detection

INSTALLATION DIAGRAM



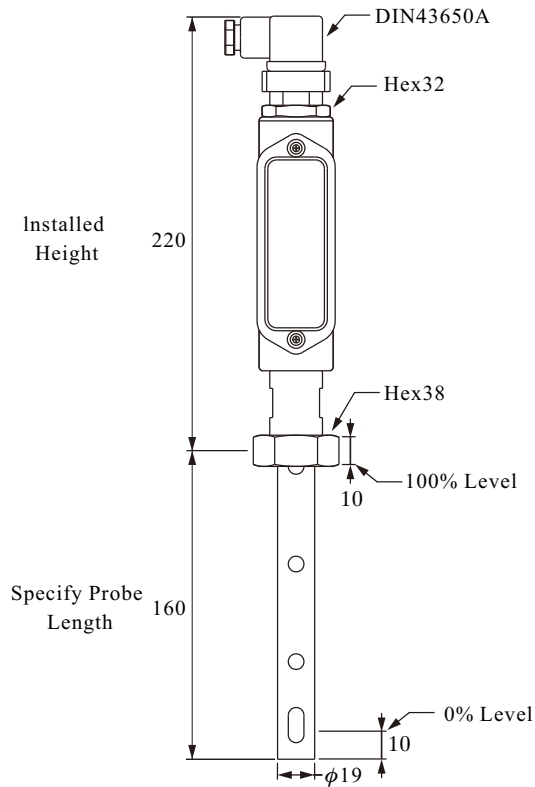
WIRING

DIN 43650A



DIMENSION

(Unit:mm)



ORDER INFORMATION

EB43 0 0 - 3 A 0 0 5 0 0

Model

0: Standard
3: Union type

Connection

Dimension	Specification
D --- 1"	A --- UNFQ
E --- 1-1/2"	Q --- PT
3 --- 1-1/4"	R --- PF(G)
S --- others	T --- BSP
	U --- NPT
	V --- GAS
	S --- others

※ Min. dimension for union type is 1-1/4", please choose 3A

Probe length (unit: mm)

0500: below 500mm
1000: 501~1000mm
1500: 1001~1500mm

⋮

※ Tolerance of the total product length is ± 5 mm.

※ Characteristics, specifications and dimensions are subject to change without prior notice.

※ Further information is available upon request. Please contact FineTek or our local sales representatives.

