

Level Ultrasonic Sensor RG2AA

Model: FDU91



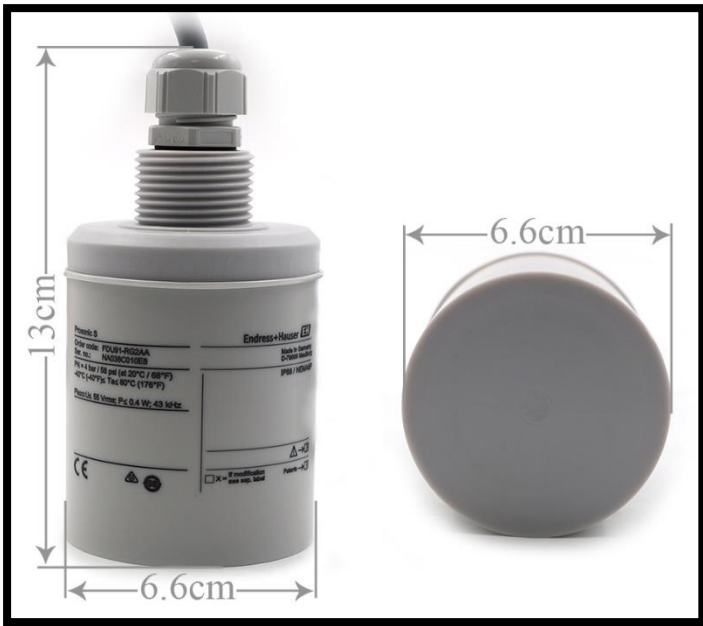
Features:

- ❖ Integrated temperature sensor for Time-of-Flight correction.
- ❖ Accurate measurements are possible, even if temperature changes are present.
- ❖ Hermetically welded PVDF sensors FDU91/92 for highest chemical resistance.
- ❖ Suited for rough ambient conditions thanks to separate installation from the transmitter (up to 300m (984 ft)).
- ❖ Reduced build-up formation because of the self-cleaning effect.
- ❖ Weather resistant and flood-proof (IP68).
- ❖ Dust-Ex and Gas-Ex certificates available.
- ❖ Continuous, non-contact level measurement of fluids and bulk material in silos, on belts, stockpiles and in crushers.
- ❖ Flow measurement in open channels and at weirs.
- ❖ International explosion protection certificates.

Specifications:

- Input: 100 - 240 V AC
- Output: 24 V DC connection, max. 30 V in the event of a fault.
- Maximum Range Fluids: 10m (33 ft.)
- Maximum Range Bulk Materials: 5m (16 ft.)
- BD: 0.3m (1.0 ft.)
- Operating Frequency: 43 KHz
- Process Temperature: -40° to +80 °C (-40 to +176 °F)¹
- Process Pressure (abs.): 0.7 to 4 bar (10.15 to 58 psi)
- Cable Material: PVC
- Weight: Approx. 1.1 kg (2.43 lbs.)

More Detailed Photos:



Made in Germany