

Ultrasonic Non Contact Sensors For Solid Material Applications



Model - ABMXXX - 025VW - HS

Applications -

Solids/Liquids materials, liquids up to 100 Ft. tanks height, solids with low dust up to 80 FT (plastic pellets), high dust up to 50 Ft.

Benefits -

- Enclosures are suitable for IP68 environmental conditions.
- Works in any conditions, narrow tanks.
- Very narrow radiating beam (it can work in narrow tanks, close to tank walls).
- No dust influence.
- Works on materials with steep angle of repose.
- Short blanking, self adjusting mode - no influence of mounting and tank's walls.



Technical data -

Measuring Range : 1.4 to 100 Ft (0.4 to 30 m)

Temperature : PVC - 40 to 140°F (- 40 to 60°C)

Pressure Rating : 1 to 2 bar Std.Sensor

Mounting Thread : 1" - 6" NPT Male Thread

Catalogue # Ordering -

Supply Voltage:

XXX = 2 Wire (loop powered with HART)

3 Wire 24 Vdc

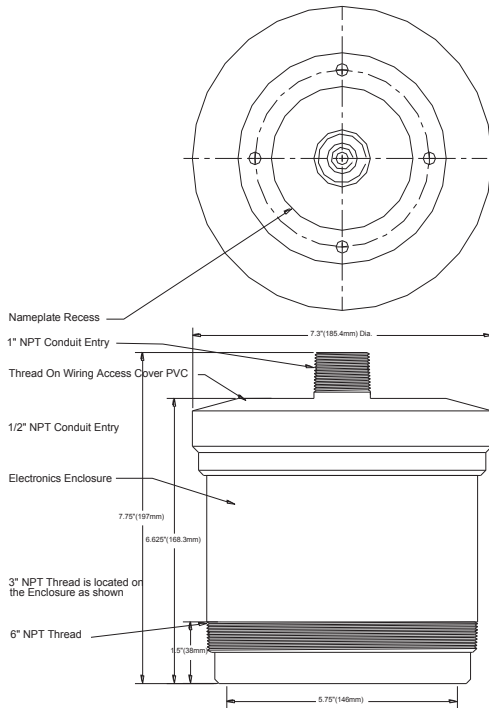
4 Wire 120 Vac or 230 Vac

Operating Frequency:

YYY = 025 — 25 KHz



25 KHz Sensor



2/3/4 Wire 25 KHz Sensor

Operating Mode:

V = UL - Ultrasonic Sensor

Communication:

C = C4 - RS485

C2 - RS232

CH - Hart (2 Wire only)

C0 - No Communications

Housing Material:

H = PV — PVC Enclosure Housing

Sensor Material:

S = PVC — PVC Sensor