

TECHNICAL DATA

Model ADV AdBlue level senders

FOZMULA
INNOVATION IN SENSORS



The **Model ADV** series of AdBlue senders are robustly constructed to offer long service in typically challenging commercial vehicle environments.

These senders can be used in most types of fuel as well as the AdBlue urea additive, and provide a continuous resistance output to a gauge or the engine ECU. For ease of installation the sender uses a standard bayonet fitting allowing for product interchange and compatibility industry wide.

Usually the vehicle cooling system is used to control the temperature of the AdBlue, but an optional version with a heater element is available.

SPECIFICATION

Construction:

Tubes: 316 stainless steel
Header: PA66 – GF30
Spring supports: 316 Stainless steel

Float: NBR rubber
Filter: PA66 (0.7mm (0.03") mesh)

Fluid Types:

Fluids compatible with the above construction materials. But typically Diesel, AdBlue, RME and additives of Kerosene, Methanol and ethanol.

Electrical:

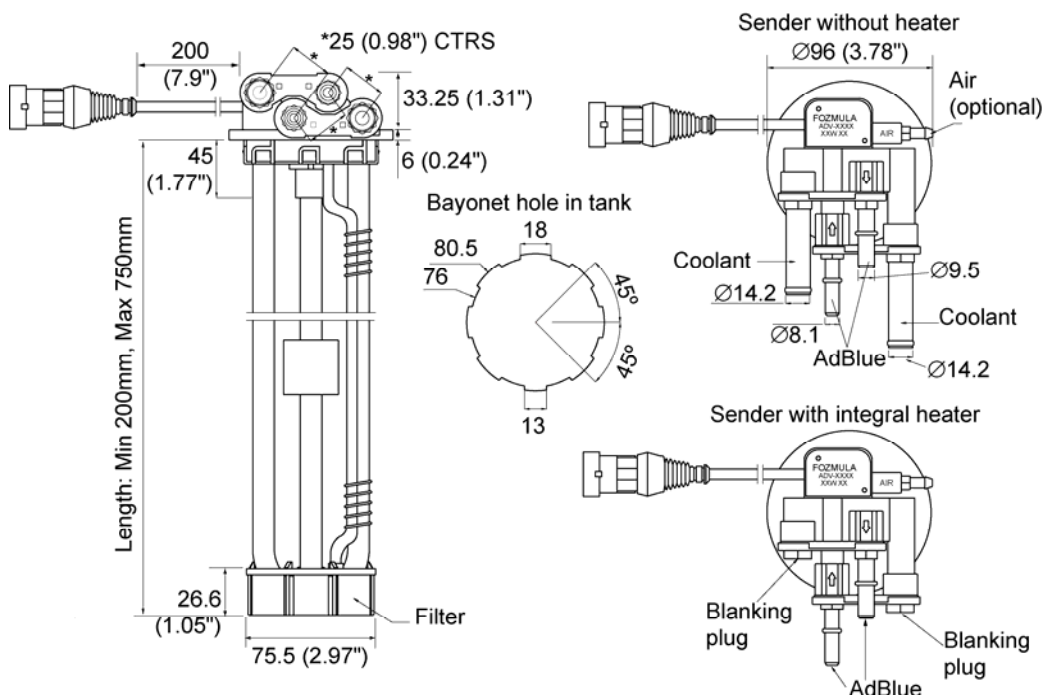
Output: Any value between 8 to 440K Ω
Connector: AMP Superseal as standard with 200mm (8") cable length. Optionally, others can be specified.
Low Level Alarm: Optional

Mechanical:

Dimensions: Min length 200mm (8"),
Max length 750mm (30")
Fitment: Bayonet fitting

Environmental:

Max. pressure: 1.0 Bar (14.5 psi)
Operating temp: -40°C to +85°C (-40°F to +185°F)
Sealing: IP67
Temp. sensing: NTC thermistor 1K Ω or 3.3K Ω \pm 5% at 25° or customer specified



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