

Diesel Oil Flow Meter

Model:OF05ZAT



Description:

OF05ZAT flow sensor is suitable for measuring oil (heavy oil, light oil, heating oil, etc.). It is a flow sensor with elliptic gears that measures micro flow with accuracy. It can also be used as a digital flow meter with the display screen to measure oil, milk, honey and other viscosity liquid.

Features:

- Measures heavy, light, heating oil, etc.
- Measures the micro flow range with superior manufacturing technology.
- Good at measuring pulsating flow.
- Amplifier built-in magnetic sensor, which is strong against noise, is output in proportion to the flow velocity.
- Pulse output by open collectors or voltage pulse.
- Measures a wide range of flow rate with high accuracy.
- Simple structure due to the elliptic gears employed as a measuring principle.
- Capable of measuring various liquids.

Specifications:

Flow rate range	1-10L/min	
Accuracy	±2%RS (In the standard installation position)	
Measurable liquid type	Cold and hot water and heating, light and heavy oil	
Maximum operating pressure	0.5MPa (When the liquid is at 20°C)	
Pressure loss	4 kPa or less	
Fluid temperature range	-10 to +70°C	
Humidity	35~85%RH (No condensing)	
Output signal	Voltage pulse output	Voltage pulse - 3 wire Length of wire: Approx. 480mm Voltage pulse duty ratio $2/8 < A/B < 8/2$ When voltage is applied at 12 VDC or less, High: 10 VDC or more Low: 1 VDC or less
	Open collector output	Open collector pulse (Capacity: 6 mA DC or less) Length of 4 lead wire: Approx. 600mm
Pulse constant	0.46mL/ P	

Maximum frequency	Approx. 30Hz
Minimum pulse width	Approx. 0.0065s
Applied voltage range	5 - 24VDC
Power consumption	0.2VA or less
Structure	Splash-proof structure (IP64 compatible) for indoor use
Thread size	G1/2"
Weight	Approx. 100g
Material	PA66 Plastic
Wiring	Red: positive, Black: negative, Yellow: output

Made in China