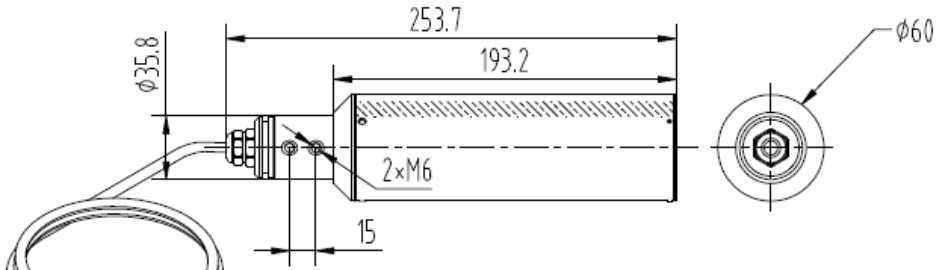


## ZWYG-2087-01 Industrial Sludge Concentration Sensor

The sensor, based on the infrared absorption scattered light method and combined with the application of ISO7027 method, can guarantee the continuous and accurate detection of suspended solids and sludge concentration. Based on ISO7027, infrared double scattering light technology will not be affected by chroma for the measurement of suspended solids and sludge concentration value. According to the usage environment, self-cleaning function can be equipped with. It assures the stability of data and reliability of performance; with the built-in self-diagnosis function, it can make sure the accurate data be delivered; besides, the installation and calibration is quite simple.

Specifications	Details
Size	Diameter 60mm* Length 256mm
Weight	1.65 KG
Main Materials	Main Body:SUS316L (Ordinary Version),Titanium Alloy (Seawater Version) Upper and Lower Cover: PVC; Cable: PVC
Waterproof Rate	IP68/NEMA6P
Measurement Range	0.01-20000 mg/L、 0.01-45000 mg/L 、 0.01-120000 mg/L
Indication Resolution	Less than $\pm 5\%$ of the measured value (depending on sludge homogeneity)
Pressure Range	$\leq 0.4$ Mpa
Flow velocity	$\leq 2.5$ m/s、 8.2ft/s
Storage Temperature	-15~65°C
Environment Temperature	0~45°C
Calibration	Sample Calibration, Slope Calibration
Cable Length	Standard 10-Meter Cable, Max Length: 100 Meters
Warranty Period	1 Year
High Voltage Baffle	Aviation Connector, Cable Connector
External Dimension:	



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