

KDS-25B GS Yoshiba Dissolved Oxygen Sensor

characteristic : _____

- * Long service life
 - * Almost unaffected by CO₂
 - * The sensor does not require external power supply
- No preheating required

apply : _____

- * water quality control

The GS Tanga Dissolved Oxygen Sensor KDS-25B is a unique galvanic cell sensor specially developed for water quality control. The most notable feature of this sensor is its long service life and resistance to CO₂.

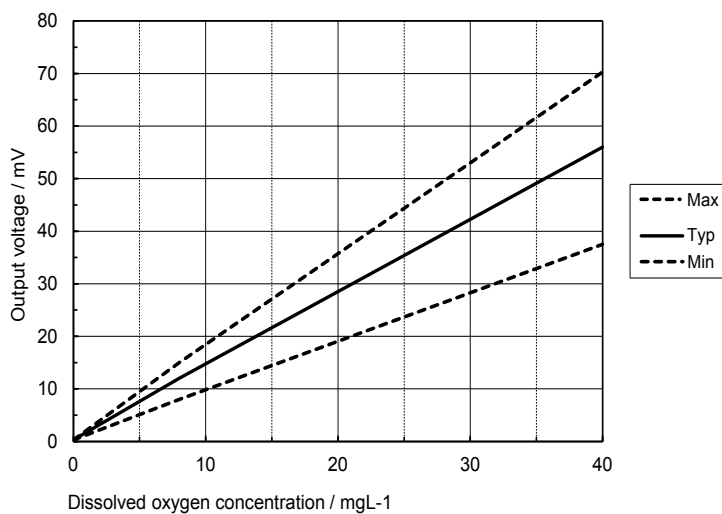


Sensitivity characteristics (25. C water):

The figure below shows the typical dissolved oxygen sensitivity characteristic curve, which was measured under our company's standard test conditions (see back).

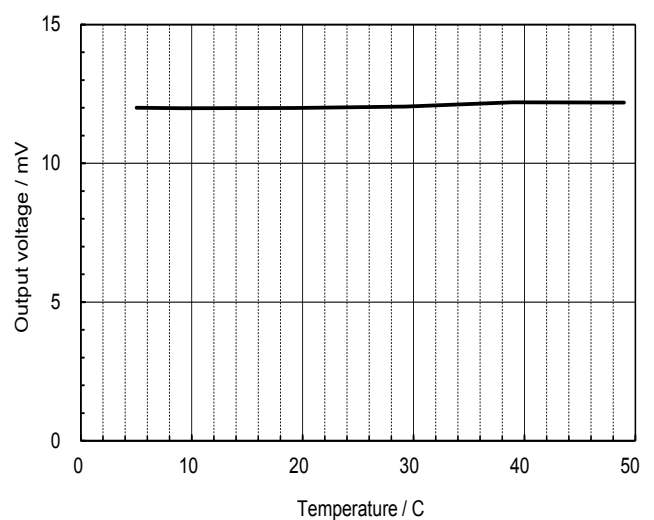
The horizontal axis shows the concentration of dissolved oxygen in the water (ppm).

The vertical axis shows the sensor output voltage (mV).

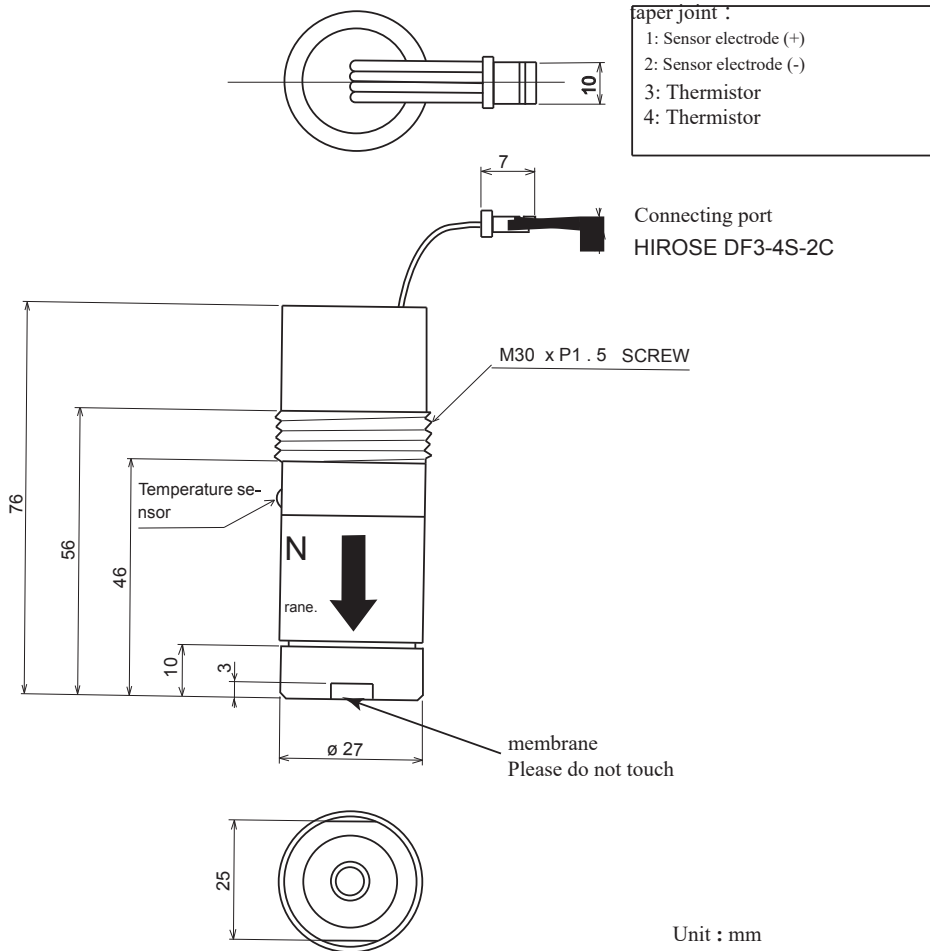


Temperature characteristics (typical):

The figure below shows a typical characteristic curve affected by temperature. The vertical axis shows the output voltage of the sensor (mV).



size : _____



specifications :

project		model
		KDS-25B
measuring range		0~80mg/L dissolved oxygen
25. C ±1. C Time Water Precision		± 5% (full scale)
operational condition	atmospheric pressure	81~203kPa (about the same depth as 10m)
	temperature	5~35°C
	relative humidity	10~90%RH (No condensation)
thermal time-constant		10 Within minutes
Initial output voltage in clean air under standard test conditions		8.0~15.0mV
standard test conditions	atmospheric pressure	1013±5hPa
	temperature	25°C±1°C
	relative humidity	60±5%RH

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