

Differential Transformer Type

Submerged Level Detector

SL-180C

ISO9001



JQA-0950

Reliable measurement of water level

For various applications ranging from pump stations to sludge tanks

**For sewage treatment plants and
pump stations**



- Accuracy of $\pm 0.2\%$
- Differential transformer system for excellent lightning protection and high resistance to environmental factors
- Easy maintenance



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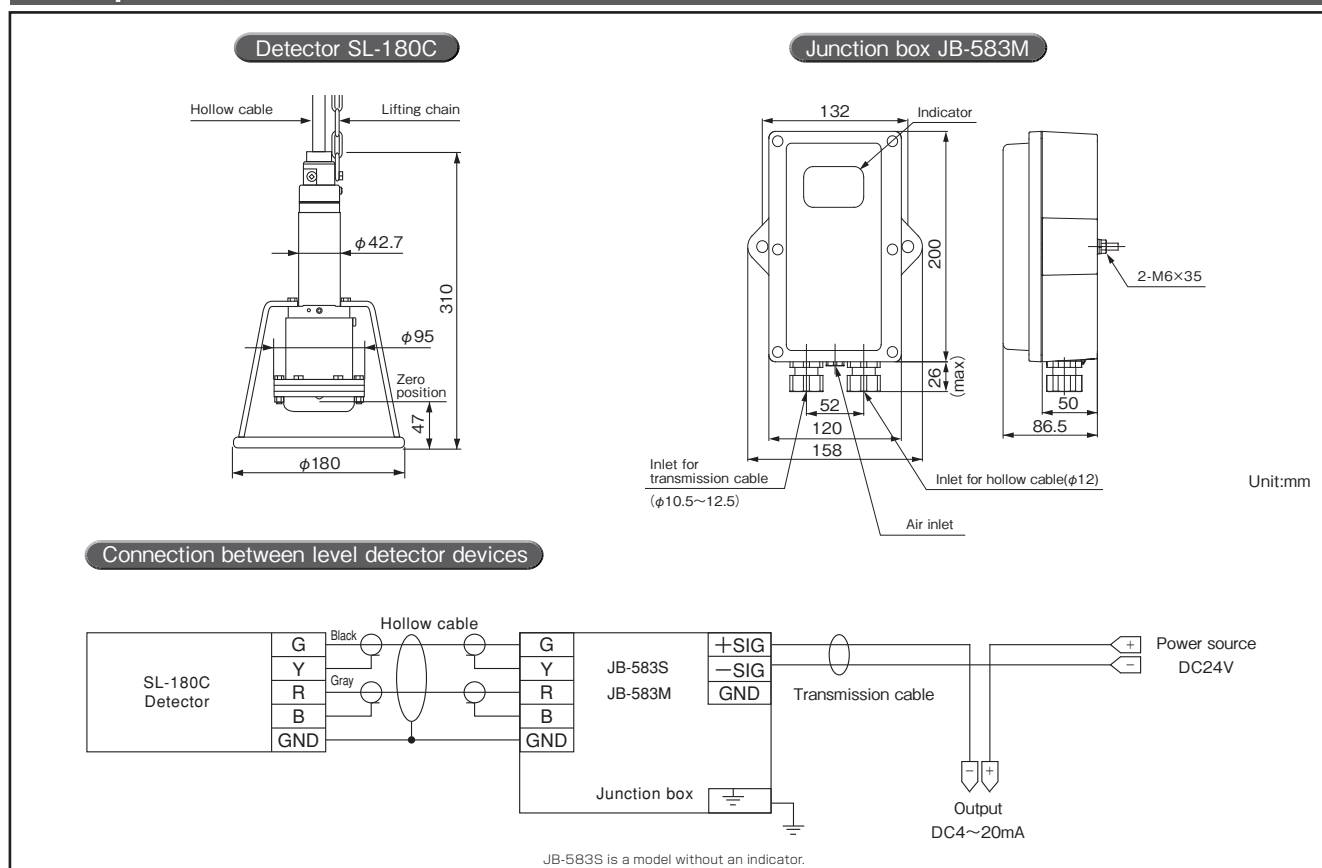
Submerged Level Detector SL-180C

Please read the operation manual before using the product.

Specifications

Measuring range	Range selectable from 0 - 0.1 m to 0 - 40 m	Lightning protection	10 kV (lightning protection circuits built in output sections)
Accuracy	$\pm 0.2\%$ of span ($\pm 0.5\%$ in the case of 0 - 0.8 m)	Material	Detector : Type 316 stainless steel Junction box : Unsaturated Polyester resin
Temperature characteristic	$\pm 0.015\%$ F.S./ $^{\circ}\text{C}$ ($\pm 0.05\%$ F.S./ $^{\circ}\text{C}$ in the case of 0 - 0.8m)	Hollow cable	Outer diameter : 12 mm Jacket : heat-resistant vinyl sheath
Operating temperature range	Detector : -10 to 50°C (no freezing allowed) Junction box : -5 to 60°C (Guaranteed indicator operating range : -10 to 55°C)	Lifting chain	Wire diameter : 3 mm Material : Type 316 stainless steel
Output signal	4 to 20mA DC (2-wire type) Allowable load resistance : 395Ω (at power supply voltage 24V)	Weight	Detector : approx. 3.2 kg Junction box : approx. 1.3 kg
Allowable overload	3 m when maximum measurement value is 0.8 m or less 12 m when maximum measurement value is more than 0.8 m and up to 3 m 45 m when maximum measurement value is more than 3 m and up to 40 m	Power source	16.1 to 30VDC

Components



*Specifications in this catalog are subject to change without prior notice due to product improvement.



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