

CONDUCTIVE ELECTRODE LEVEL SWITCH

SEC/SH ELECTRODE TYPE LEVEL SWITCH

Level Measurement

& Monitoring



DESCRIPTION

The SEC/SH electrode type level switch is a device that measures by using the conductivity principle of fluid. When the electrodes are in contact with liquid, the circuit is closed (the liquid completes the path for electricity to flow) and the electrical current that flows in this circuit is used to detect the level of the liquid. Detecting the resistance between the electrodes and comparing it to see if it is larger or smaller than a reference resistance is used to detect the surface of the liquid. Based on the measuring principle, this device cannot be used for fluids that are non-conducting or high viscosity.

TECHNICAL FEATURES

FEATURES

- ✓ Applied to a wide range of fluids
- ✓ Enable to organize 5 poles
- ✓ Easy installation and operation
- ✓ Multi-wire type application
- ✓ Designed to keep water vapor out of the holder to prevent corrosion and malfunction
- ✓ SS304 electrode with PE tubing
- ✓ User friendly, easy maintenance.

Medium	Conductive liquids
Measuring Range	Max. 5 meter
Head	ABS plastic (max 5 poles) ADC (max 8 poles)
Electrode	SS304 PE tubing (std 1M)
Electrode Connector	SS304
Mounting	2" PF socket + JIS 10K PVC flange
Conduit Connection	PF1/2"
Wire Connection	Multi wire
Op Temperature	-10 to 80°C
Op Pressure	2 kgf/cm ²
Enclosure	Weatherproof ABS
Control Unit	Optional



DIMENSION/DRAWING

