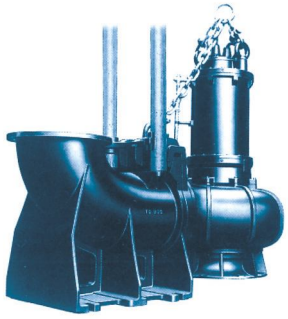
JPTO Automatic Discharge Connector(A.D.C)



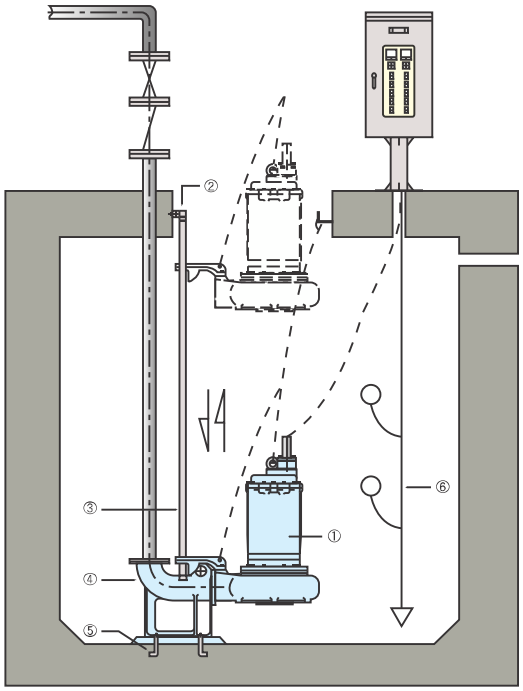
Application

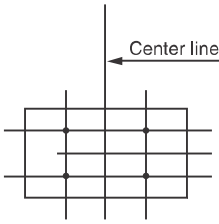
- Easy to work at a place which is hard to do piping works such as sewage and waste water treatment plant
- Unnecessary to enter at the hazardous environment of sump or narrow area

Features

- The simple structrue to easy to maintenance

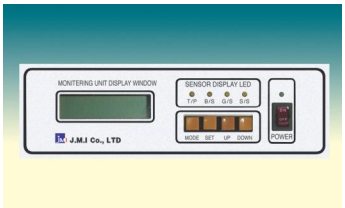
Drawing and Parts





① Submersible Pump
② Guide Support
③ Guide Pipe
④ A.D.C Body
⑤ Anchor Bolt
⑥ Level Switch

MONITORING UNIT SYSTEM



Monitoring Unit System is connected with various senses in the pump in order to protect tilting and distortion of the pump

Structure of Monitoring Unit System

1) Winding Temperature Sensor
   – Three temperature sensors(PT 100Ω) detect a rise in temperature of motor
2) Bearing Temperature Sensor
   – Sense of bearing temperature in bearing housing
3) Leakage Detector, Searching Sensor
   – Float switch for detection of liquid in the stator housing or junction box

Specification and Treatment of Monitoring Unit

1) Technical Specification
   – Supply Power : AC220V
   – Frequency : 60HZ
   – Moisture : 80%
   – Ampere : 500mmA
   – Temperature : 0~40℃
   – OutPut Contact : AC220V, 10A
2) Treatment Caution
   – Install at a place there is no water, moisture
   – Install at a place there is no vibration
   – Install at a place there is no harmful gas and high voltage or high frequency
   – Be cautious of overpower and impact

FLOAT LEVEL SWITCH

Float Level Switch can be used for starting or stopping a pump by closing or breaking the circuit when the liquid level reaches the requlator

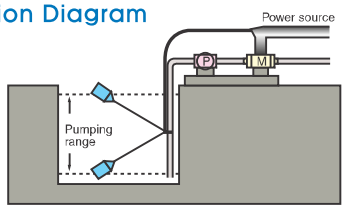
Features

- Contact capacity is very high
- Convenient installation

Specification

- Capacity : 250 VAC 10A
- Range of used Temperature : 0℃~50℃
- Cable Length : 3M(standard)

Connection Diagram



Treatment Caution

- Never operate in environment with chemical products
- If load current is higher than normal, use a magnetic switch