

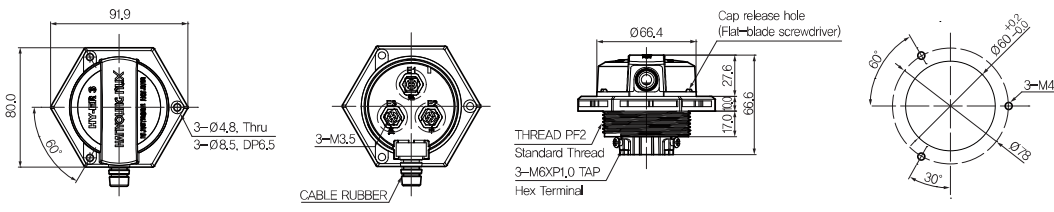


■ FS-3A Floatless level switches

■ Specifications

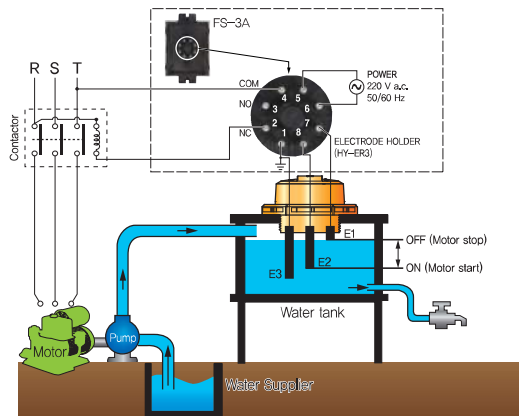
Model	FS-3A (high sensitivity)	FS-3A (low sensitivity)
Appearance		
Power voltage	110 V a.c. / 220 V a.c. 50/60 Hz	
Allowable voltage fluctuation range	±10 % of power voltage	
Inter-electrode voltage (secondary voltage)	24 V a.c.	8 V a.c.
Power consumption	Approx. 3,2 VA	
Response time	80 ms max. for operation, 160 ms max. for return	
Inter-electrode operation resistance	0 - Approx. 27 KΩ	0 - Approx. 7 KΩ
Inter-electrode return resistance	Approx. 38 KΩ - ∞ Ω	Approx. 15 KΩ - ∞ Ω
Control output	Relay contact outputs: (1c): 250 V a.c 5 A (resistive load)	
Insulation resistance	Min. 100 MΩ (500 V d.c Mega), conductive and exposed unfilled metal part	
Dielectric strength	2000 V a.c 50/60 Hz for 1 min (1st terminal - 2nd terminal)	
Vibration resistance	10 - 55 Hz (1 minute cycle) single amplitude: 0.76 mm X, Y, Zeach direction 2 hours	
Shock resistance	300 m/s ²	
Life	Mechanical: min, 5 million times (relay type), electrical: 500,000 times min (resistive load)	
Ambient temperature & humidity	-10 ~ 50 °C, 35 ~ 85 % RH (without condensation)	

■ HY-ER3 Fuse holders

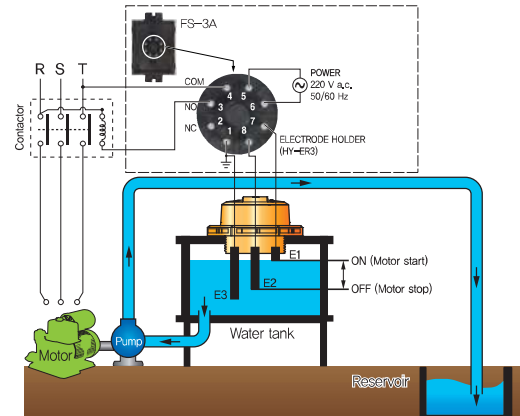
Appearance	Dimension
	 <p> 91,9 80,0 3-Ø4,8 Thru 3-Ø8,5, DP6,5 3-M3,5 CABLE RUBBER 066,4 Cap release hole (Flat-blade screwdriver) 17,0 27,6 66,6 T-THREAD PF2 Standard Thread 3-M6X1,0 TAP Hex Terminal 80° 30° Ø60 ±0,2 3-M4 Ø7,8 </p>

■ Usage example

- Example of Water Supply connection (with FS-3A)



- Example of Drain connection (with FS-3A)



- Temperature Controllers
- Recorders
- Digital Counter/ Timers
- Analog Timers
- Multi Pulse Meters
- Panel Meters
- Peripheral Devices
- Proximity Sensors
- Photo Sensors
- Rotary Encoders
- Thyristor Power Regulators
- Solid State Relays
- Power Supplies
- Control Switches / Combination Display Lights
- Power / Main / Cam Switches
- Limit Switches
- Micro Switches
- Foot / Mono Lever / Pendant Switches
- Signal Lights
- Power Buzzers / Terminal Blocks Fuse Holders / Control Boxes