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SW-FLS-10A-250V-20M

Level Regulator Float Switch – 250V AC – 10A – Cable Suspended Bulb Type – 20M Cable Length

Product ID: 332067

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: SW-FLS-10A-250V-20M

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SW-FLS-10A-250V-20M Cable Suspended Level Regulator Float Switch

Listing: CE Approved
Cable Length: 20 Meters (65.6 ft)
Float Type: Cable Suspended Bulb (Tilt Type)
Mounting: Suspended by Cable
Electrical Connections: 3-Conductor Neoprene Cable (Common, NO, NC)
Electrical Rating: 10A @ 250V AC (Resistive)
Switch Type: SPDT (Single Pole Double Throw)
Operating Temperature (Liquid): 0°C to +50°C (Typical ENM-10 Range)
Ambient Temperature: -20°C to +60°C
Float Material: Polypropylene
Cable Entry: Double Sealed, Molded Construction
Switching Angle: Approx. ±45° Tilt
Specific Gravity: ≥ 0.95 (Water / Wastewater)
Maximum Immersion Depth: 10 meters (Typical Rating)
Weight (20M Version): Approx. 3–4 kg

Quick Summary

IP68 Submersible
Heavy-Duty Neoprene / CPE Cable
Mercury-Free Micro Switch
Adjustable Switching Level via Cable Weight
CE Approved

Special Orders- Requirements

Contact us for special requirements
Phone: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The SW-FLS-10A-250V-20M from Larson Electronics is a cable suspended bulb type level regulator float switch designed for automatic liquid level control in tanks, sumps, lift stations, and wastewater systems. This submersible float switch allows operators to start and stop pumps, activate high or low level alarms, and control valves for reliable fluid management. IP68 rated for continuous submersion, this unit is ideal for municipal water systems, wastewater treatment facilities, industrial tanks, stormwater management, and general liquid level monitoring applications.

The SW-FLS-10A-250V-20M is a rugged and dependable mechanical tilt switch featuring a mercury-free micro switch enclosed within a sealed polypropylene float housing. As liquid levels change, the suspended float tilts approximately ±45°, actuating an internal SPDT snap-action switch. The switching level is easily adjustable by repositioning the cable counterweight along the 20-meter heavy-duty neoprene/CPE cable. The double-sealed cable entry prevents moisture intrusion and ensures long service life in demanding wet environments.

This level regulator float switch operates at 10A @ 125/250V AC (resistive) and includes three conductors (common, normally open, normally closed) for flexible control wiring. Suitable for liquids with a minimum specific gravity of approximately 0.95, the unit operates within ambient temperatures of -20°C to +60°C. The molded construction and hermetically sealed design provide reliable performance in continuous duty applications.

Mounting: The SW-FLS-10A-250V-20M installs by suspending the float inside the tank or basin using the supplied cable. The switching elevation is field adjustable via the included cable weight.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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SW-FLS-10A-250V-20M

Product ID: 332067

Export Control Classification Number (ECCN): EAR99

Options:

SW-FLS-10A-250V-20M-Switch-Termination
Example: SW-FLS-10A-250V-20M-SPDT-LEAD

Switch	
SINGLE POLE	-SPDT
DOUBLE POLE	-DPDT

Termination	
LEAD WIRE (NEC/CEC)	-LEAD
TERMINALS (ATEX/IEC)	-TNBL

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/332067.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)