

# Float Level Switch

- Dual function supports both filling and emptying operations (double action)
- $\pm 45^\circ$  switching angle with microswitch rated 20(8)A at 250V
- Fully submersible with IP68 protection and TÜV/CE certification
- PVC cable available in lengths from 2 to 30 meters.
- Insulation class II with no ground cable required.



## About

Paquin's P98 float switch is a compact device designed for monitoring liquid levels in clear and gray water applications. With a dual switching function, it supports both filling and emptying operations, ideal for systems requiring reliable bi-directional control. Its durable PVC cable and IP68-rated design allow for submersion in environments with up to 29 PSI (2 bar). The float switch operates safely up to fluid temperatures of 122°F (50°C), making it suitable for a range of industrial and mechanical systems.

## Applications

- ✓ HVAC & Refrigeration
- ✓ Water & Wastewater
- ✓ Agriculture
- ✓ Environmental Monitoring
- ✓ Industrial Process Control
- ✓ More

# Build Your Part Number

## Series P98

**Example: P98A3N**

| Series |  |
|--------|--|
| P98    |  |

| Type - select one |                           |
|-------------------|---------------------------|
| A                 | Double Function, TÜV / CE |

| Cable Length - select one |           |
|---------------------------|-----------|
| 2                         | 2 meters  |
| 3                         | 3 meters  |
| 5                         | 5 meters  |
| 10                        | 10 meters |
| 15                        | 15 meters |
| 20                        | 20 meters |
| 30                        | 30 meters |

| Counterweight - select one |                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y                          | Counterweight (220 grams)<br>Dimensions: Ø 47 x 55<br>Material: Shock-resistant polystyrene, standard color yellow<br>Filling material: Iron grit and sand |
| Y2                         | Counterweight (300 grams)<br>Dimensions: Ø 47 x 55<br>Material: Shock-resistant polystyrene, standard color yellow<br>Filling material: Iron grit          |
| N                          | No Counterweight                                                                                                                                           |



| Accessories – optional; will be quoted as a separate line item |                                                   |
|----------------------------------------------------------------|---------------------------------------------------|
| P2                                                             | PVC 2x1 Cable                                     |
| CA                                                             | Cable for Chemically Aggressive Environments      |
| CT                                                             | Cable for High Temperature Exposure               |
| CS                                                             | Cable for Permanent immersion in seawater         |
| H2                                                             | H07RN-F 2x1 Anti Oil Cable                        |
| H3                                                             | H07RN-F 3G1 Anti Oil Cable                        |
| GD                                                             | 3G1 rubber cable for use in drinking water        |
| XD                                                             | 3X1 rubber cable for use in drinking water        |
| HP                                                             | H07RN8-F 3G1 Cable for Permanent Immersion        |
| M                                                              | Microswitch with gold contacts (with low current) |
| GS                                                             | Piggyback plug with German Schuko socket- plated  |

### Technical Parameters

| Specifications | Function                  | Double (Filling and Emptying) |
|----------------|---------------------------|-------------------------------|
|                | Microswitch               | 20(8)A 250V                   |
|                | Homologation              | 10(8)A 250V                   |
|                | Approval                  | TÜV / CE                      |
|                | Cable Type                | PVC 3 x 1mm²                  |
|                | Ground Cable              | NO                            |
|                | Insulation Class          | II                            |
|                | Switching Angle           | ±45°                          |
|                | Maximum Pressure          | 29 PSI                        |
|                | Maximum Fluid Temperature | 122°F (50°C)                  |
|                | Protection                | IP68                          |
|                | Dimensions                | 82 x 111 x 48 mm              |
|                | Weight (Excluding Cable)  | 3.99 oz (113 grams)           |

## Additional Images



# PAQUIN SENSORS

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*We collaborate with our customers to match the best product technologies with your unique application requirements.*

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