# Product data sheet

Specifications



## Float switch, Square D Pumptrol, closed tank, NEMA 1, screw in bushing, 2NC DPST DB contacts

9037HG32Z20

**Product availability : Stock - Normally stocked in distribution facility**

**Price* : 128.00 USD**

## Main

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|---|---|
| **Range of Product** | Square D Pumptrol |
| **Product or Component Type** | Float switch |
| **Device Application** | Closed tank |
| **Device short name** | 9037H |
| **Product Specific Application** | Liquid level control |
| **Electrical circuit type** | Power circuit |
| **Quantity per Set** | Set of 1 |
| **Type of Packing** | Individual |

## Complementary

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|---|---|
| **Product destination** | For closed tank |
| **Device mounting** | Screw-in bushing |
| **Cable entry number** | 3 knock-outs for 1/2" conduit UL 508 |
| **Contacts type and composition** | 2 NC, snap action, DPST-DB, Form YY |
| **Controlled fluid** | Fresh water specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C)<br>Sea water specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C)<br>Hydraulic oil specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C)<br>Corrosive fluid specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C) |
| **Motor power kW** | 1.5 kW 2 hp)115 V AC, 1 phase<br>2.2 kW 3 hp)115 V AC, 3 phase<br>2.2 kW 3 hp)230 V AC, 1 phase<br>3.7 kW 5 hp)230 V AC, 3 phase<br>0.75 kW 1 hp)460 V AC, 3 phase<br>0.75 kW 1 hp)475 V AC, 3 phase<br>0.18 kW 0.25 hp)32 V DC<br>0.37 kW 0.5 hp)115 V DC<br>0.37 kW 0.5 hp)230 V DC |
| **Electrical connection** | Screw-clamp terminals 10 AWG |
| **Contact operation** | Contacts close on liquid rise |
| **Float movement** | 6...11.5 in adjustable |
| **Float position** | Left |
| **Float rod angle** | 90° (offset) |
| **Short-circuit protection** | 20 A cartridge fuse gG |
| **Local signalling** | With external pointer |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|---|---|
| **Materials in contact with fluid** | Stainless steel 316<br>Cast iron<br>Stainlesss steel 304<br>Viton<br>Yellow brass |
| **Enclosure Material** | Polypropylene or equivalent |
| **Operating position** | Vertical position only |
| **Electrical durability** | 100 cycles 60 cyc/mn |
| **Mechanical durability** | 300 cycles |
| **Terminal block type** | 4 terminals |
| **Maximum operating rate** | 60 cyc/mn |
| **[Ui] rated insulation voltage** | 575 V UL 508 |
| **Net Weight** | 4.77 lb(US) (2.16 kg) |
| **Terminals description ISO n°1** | Line-load-load-line |
| **Factory modification** | Without |
| **Kit composition** | Float<br>Rod<br>Float switch |

## Environment

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|---|---|
| **Standards** | CE<br>UL 508 |
| **Ambient air temperature for operation** | -22…220 °F (-30…104 °C) |
| **Ambient Air Temperature for Storage** | -22…220 °F (-30…104 °C) |
| **NEMA degree of protection** | NEMA 1 UL 50 |
| **Product Certifications** | UL listed file E12158<br>CSA file LR25490 |

## Ordering and shipping details

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|---|---|
| **Category** | 21601-9037,9038 COMMERCIAL FLOAT SWITCHES |
| **Discount Schedule** | CP7G |
| **GTIN** | 785901302841 |
| **Number of Units in Package 1** | 1 |
| **Package 1 Weight** | 4.70 lb(US) (2.13 kg) |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

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|---|---|
| **Unit Type of Package 1** | PCE |
| **Package 1 Height** | 7.99 in (20.3 cm) |
| **Package 1 Width** | 9.41 in (23.9 cm) |
| **Package 1 Length** | 13.58 in (34.5 cm) |

## Offer Sustainability

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| **California proposition 65** | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| **REACh Regulation** | REACh Declaration |

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|---|---|
| **EU RoHS Directive** | Not applicable, out of EU RoHS legal scope |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | End of Life Information |

## Contractual warranty

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| **Warranty** | 18 months |