

Product data sheet

Specifications



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

9037HG36Z20

Main

| | |
|------------------------------|----------------------|
| Range Of Product | 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

| | |
|---------------------------------|--|
| Product Destination | For closed tank |
| Device Mounting | Screw-in bushing |
| Cable Entry Number | 3 knock-outs for 1/2" conduit conforming to UL 508 |
| Contacts Type And Composition | 2 NC, snap action, DPST-DB, Form YY |
| Controlled Fluid | Fresh water at specific gravity of 0.85 in or higher -18...121 °C Sea water at specific gravity of 0.85 in or higher -18...121 °C Hydraulic oil at specific gravity of 0.85 in or higher -18...121 °C Corrosive fluid at specific gravity of 0.85 in or higher -18...121 °C |
| Motor Power Kw | 1.5 kW (2 hp) at 115 V AC, 1 phase 2.2 kW (3 hp) at 115 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 1 phase 3.7 kW (5 hp) at 230 V AC, 3 phases 0.75 kW (1 hp) at 460 V AC, 3 phases 0.75 kW (1 hp) at 475 V AC, 3 phases 0.18 kW (0.25 hp) at 32 V DC 0.37 kW (0.5 hp) at 115 V DC 0.37 kW (0.5 hp) at 230 V DC |
| Electrical Connection | Screw-clamp terminals, clamping capacity: 10 AWG |
| Contact Operation | Contacts close on liquid rise |
| Float Movement | 2.5...5 in adjustable |
| Float Position | Left |
| Float Rod Angle | 90° |
| Short-Circuit Protection | 20 A cartridge fuse, type gG |
| Local Signalling | With external pointer |
| Materials In Contact With Fluid | Stainless steel 304 Yellow brass Cast iron Stainless steel 316 Viton |

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

| | |
|-------------------------------|---------------------------------------|
| Enclosure Material | Polypropylene or equivalent |
| Operating Position | Vertical position only |
| Electrical Durability | 100 cycles, operating rate <60 cyc/mn |
| Mechanical Durability | 300 cycles |
| Terminal Block Type | 4 terminals |
| Maximum Operating Rate | 60 cyc/mn |
| [UI] Rated Insulation Voltage | 575 V conforming to UL 508 |
| Net Weight | 2.01 kg |
| Terminals Description Iso N°1 | Line-load-load-line |
| Factory Modification | Without |
| Kit Composition | Float switch Float Rod |

Environment

| | |
|---------------------------------------|----------------------------|
| Standards | CE UL 508 |
| Ambient Air Temperature For Operation | -30...93 °C |
| Ambient Air Temperature For Storage | -30...93 °C |
| Nema Degree Of Protection | NEMA 1 conforming to UL 50 |
| Product Certifications | UL listed CSA |

Packing Units

| | |
|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 19.6 cm |
| Package 1 Width | 18.0 cm |
| Package 1 Length | 29.7 cm |
| Package 1 Weight | 1.94 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

| | |
|---------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Not applicable, out of EU RoHS legal scope |
| 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 |