



## Main

|                              |                      |
|------------------------------|----------------------|
| 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

|                                 |                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                  | 2...5 in adjustable                                                                                                                                                                                                                                                                                                          |
| Float position                  | Right                                                                                                                                                                                                                                                                                                                        |
| Float rod angle                 | 45°                                                                                                                                                                                                                                                                                                                          |
| Short-circuit protection        | 20 A cartridge fuse gG                                                                                                                                                                                                                                                                                                       |
| Local signalling                | With external pointer                                                                                                                                                                                                                                                                                                        |
| Materials in contact with fluid | Stainless steel 316<br>Yellow brass<br>Viton<br>Cast iron<br>Stainless steel 304                                                                                                                                                                                                                                             |
| 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                      | 4.8 lb(US) (2.18 kg)                                                                                                                                                                                                                                                                                                         |
| Terminals description ISO n°1   | Line-load-load-line                                                                                                                                                                                                                                                                                                          |

|                      |                              |
|----------------------|------------------------------|
| Factory modification | Without                      |
| Kit composition      | Rod<br>Float switch<br>Float |

## Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| 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

|                   |                                           |
|-------------------|-------------------------------------------|
| Category          | 21601-9037,9038 COMMERCIAL FLOAT SWITCHES |
| Discount Schedule | CP7G                                      |
| GTIN              | 785901055105                              |
| Returnability     | No                                        |
| Country of origin | MX                                        |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 18.26 in (46.387 cm)   |
| Package 1 Width              | 7.19 in (18.263 cm)    |
| Package 1 Length             | 46.39 in (117.823 cm)  |
| Package 1 Weight             | 4.80 lb(US) (2.177 kg) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation          | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                  |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile       | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |

## Contractual warranty

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