



## 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              | 2 conduit entries for 3/4"-14 NPT 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...220 °F (-18...104 °C)<br>Sea water specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C)<br>Hydraulic oil specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C)<br>Corrosive fluid specific gravity of 0.85 in or higher 0...220 °F (-18...104 °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                  | 4.25...8.25 in adjustable                                                                                                                                                                                                                                                                                                    |
| Float position                  | Left                                                                                                                                                                                                                                                                                                                         |
| Float rod angle                 | 90°                                                                                                                                                                                                                                                                                                                          |
| Short-circuit protection        | 20 A cartridge fuse gG                                                                                                                                                                                                                                                                                                       |
| Local signalling                | With external pointer                                                                                                                                                                                                                                                                                                        |
| Materials in contact with fluid | Cast iron<br>316 stainless steel<br>Nitrile (Buna-N) or equivalent rubber<br>Yellow brass<br>304 stainless steel                                                                                                                                                                                                             |
| Enclosure material              | Cast Aluminium                                                                                                                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                                                                                                                                 |
| Terminals description ISO n°1   | Line-load-load-line                                                                                                                                                                                                                                                                                                          |

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

## Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| Standards                             | UL 508<br>CE                              |
| 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 7/9 UL 698                           |
| Product certifications                | CSA file LR26817<br>UL listed file E12443 |

## Ordering and shipping details

|                       |                                             |
|-----------------------|---------------------------------------------|
| Category              | 21601 - 9037,9038 COMMERCIAL FLOAT SWITCHES |
| Discount Schedule     | CP7G                                        |
| GTIN                  | 00785901075455                              |
| Nbr. of units in pkg. | 1                                           |
| Package weight(Lbs)   | 11 lb(US) (4.99 kg)                         |
| Returnability         | No                                          |
| Country of origin     | MX                                          |

## Packing Units

|                  |                       |
|------------------|-----------------------|
| Package 1 Height | 19.05 in (48.387 cm)  |
| Package 1 width  | 7.50 in (19.050 cm)   |
| Package 1 Length | 48.39 in (122.903 cm) |

## 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 |
|----------|-----------|