

# 9036DW31R

Float switch, Square D Pumptrol, open tank, NEMA 4, pedestal mounted, 2NO DPST DB contacts



## Main

|                              |                           |
|------------------------------|---------------------------|
| Range of Product             | Square D Pumptrol         |
| Product or Component Type    | Float switch              |
| Device Application           | Open tank general purpose |
| Device short name            | 9036D                     |
| 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 open tank or sump                                                                                                                                                                                                                                                                 |
| Device mounting               | Pedestal                                                                                                                                                                                                                                                                              |
| Cable entry number            | 2 conduit entries for 3/4"-14 NPT UL 508                                                                                                                                                                                                                                              |
| Contacts type and composition | 2 NO, snap action, DPST-DB, Form XX                                                                                                                                                                                                                                                   |
| Controlled fluid              | Fresh water specific gravity of 0.85 in or higher<br>Sea water specific gravity of 0.85 in or higher<br>Hydraulic oil specific gravity of 0.85 in or higher<br>Corrosive fluid specific gravity of 0.85 in or higher                                                                  |
| 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 open on liquid rise                                                                                                                                                                                                                                                          |
| Float movement                | Variable adjustable                                                                                                                                                                                                                                                                   |
| Float position                | Any                                                                                                                                                                                                                                                                                   |
| Float rod angle               | Vertical                                                                                                                                                                                                                                                                              |
| Force down to trip            | 8 ozf                                                                                                                                                                                                                                                                                 |
| Force up to trip              | 8 ozf                                                                                                                                                                                                                                                                                 |
| Short-circuit protection      | 20 A cartridge fuse gG                                                                                                                                                                                                                                                                |
| Local signalling              | Without                                                                                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                                                                                          |
| Product Weight                | 4.13 lb(US) (1.87 kg)                                                                                                                                                                                                                                                                 |
| Terminals description ISO n°1 | Line-load-load-line                                                                                                                                                                                                                                                                   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Factory modification | Without                                                        |
| Kit composition      | Rod and float are to be choosen in accessories<br>Float switch |

## 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 4 UL 50                              |
| Product Certifications                | UL listed file E12158<br>CSA file LR25490 |

## Ordering and shipping details

|                   |                                      |
|-------------------|--------------------------------------|
| Category          | 21591-9036 COMMERCIAL FLOAT SWITCHES |
| Discount Schedule | CP7G                                 |
| GTIN              | 785901064336                         |
| Returnability     | Yes                                  |
| Country of origin | MX                                   |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 15.24 in (38.71 cm)   |
| Package 1 Width              | 6.00 in (15.24 cm)    |
| Package 1 Length             | 38.71 in (98.322 cm)  |
| Package 1 Weight             | 4.30 lb(US) (1.95 kg) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause 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 |
|----------|-----------|