



### 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<br>Sea water @ specific gravity of 0.85 in or higher 0...250 °F<br>Hydraulic oil @ specific gravity of 0.85 in or higher 0...250 °F<br>Corrosive fluid @ specific gravity of 0.85 in or higher 0...250 °F                              |
| Motor power kW                  | 1.5 kW 2 hp @ 115 V AC 1 phase<br>2.2 kW 3 hp @ 115 V AC 3 phases<br>2.2 kW 3 hp @ 230 V AC 1 phase<br>3.7 kW 5 hp @ 230 V AC 3 phases<br>0.75 kW 1 hp @ 460 V AC 3 phases<br>0.75 kW 1 hp @ 475 V AC 3 phases<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        | Cartridge fuse gG                                                                                                                                                                                                                                                                                     |
| Local signalling                | With external pointer                                                                                                                                                                                                                                                                                 |
| Materials in contact with fluid | Cast iron<br>Viton<br>316 stainless steel<br>Yellow brass<br>304 stainless steel                                                                                                                                                                                                                      |
| 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                                                                                                                                                                                                                                                                                           |
| Operating rate                  | 60 cyc/mn                                                                                                                                                                                                                                                                                             |
| [Ui] rated insulation voltage   | 575 V UL 508                                                                                                                                                                                                                                                                                          |
| Product weight                  | 4.8 lb(US)                                                                                                                                                                                                                                                                                            |
| Terminals description ISO n°1   | Line-load-load-line                                                                                                                                                                                                                                                                                   |
| Factory modification            | Without                                                                                                                                                                                                                                                                                               |
| Kit composition                 | Float<br>Rod<br>Float switch                                                                                                                                                                                                                                                                          |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| standards                             | CE<br>UL 508                              |
| ambient air temperature for operation | -22...220 °F                              |
| ambient air temperature for storage   | -22...220 °F                              |
| NEMA degree of protection             | NEMA 1 UL 50                              |
| product certifications                | UL listed file E12158<br>CSA file LR25490 |

Offer Sustainability

|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                        | Not Green Premium product                                                                                                        |
| Will not be Compliant                                                                                                            | Will not be Compliant                                                                                                            |
| Reference not containing SVHC above the threshold                                                                                | Reference not containing SVHC above the threshold                                                                                |
| Available                                                                                                                        | Available                                                                                                                        |
| Available                                                                                                                        | Available                                                                                                                        |
| WARNING: This product can expose you to chemicals including:                                                                     | 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. | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| Di-isodecyl phthalate (DIDP) which is known to the State of California to cause birth defects or other reproductive harm.        | Di-isodecyl 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>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

Contractual warranty

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)