

# Product data sheet

Specifications



## Float switch, Square D Pumptrol, closed tank, NEMA 1, flange mounted, 2 NC DPST DB contacts

9037EG9

### Main

Range of product	Square D Pumptrol
Product or component type	Float switch
Device application	Closed tank
Device short name	9037E
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	Flange
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...104 °C Sea water at specific gravity of 0.85 in or higher -18...104 °C Hydraulic oil at specific gravity of 0.85 in or higher -18...104 °C Corrosive fluid at specific gravity of 0.85 in or higher -18...104 °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	Variable fixed
Float position	Any
Float rod angle	Horizontal
Short-circuit protection	20 A cartridge fuse, type gG
Local signalling	Without
Materials in contact with fluid	Stainless steel 316 Stainless steel 304

Yellow brass  
Nitrile (Buna-N) or equivalent rubber

<b>Enclosure material</b>	Polypropylene or equivalent
<b>Operating position</b>	Vertical or horizontal position
<b>Electrical durability</b>	100 cycles, operating rate <60 cyc/mn
<b>Mechanical durability</b>	300 cycles
<b>Terminal block type</b>	4 terminals
<b>Maximum operating rate</b>	60 cyc/mn
<b>[Ui] rated insulation voltage</b>	575 V conforming to UL 508
<b>Net weight</b>	2.08 kg
<b>Terminals description ISO n°1</b>	Line-load-load-line
<b>Factory modification</b>	Without
<b>Kit composition</b>	Rod and float are to be chosen in accessories Float switch

## Environment

<b>Standards</b>	UL 508 CE
<b>Ambient air temperature for operation</b>	-30...104 °C
<b>Ambient air temperature for storage</b>	-30...104 °C
<b>NEMA degree of protection</b>	NEMA 1 conforming to UL 50
<b>Product certifications</b>	CSA file LR25490 UL listed file E12158

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	18.8 cm
<b>Package 1 Width</b>	18.8 cm
<b>Package 1 Length</b>	35.8 cm
<b>Package 1 Weight</b>	1.9 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California proposition 65</b>	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>

## Contractual warranty

<b>Warranty</b>	18 months
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**Recommended replacement(s)**