

# Product data sheet

Specifications

## Float switch, Square D Pumptrol, closed tank, NEMA 1, screw in bushing, 2 NC DPST DB contacts

9037HG33F3Z20

### 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 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...121 °C Sea water at specific gravity of 0.85 in or higher -18...121 °C Hydraulic oil at specific gravity of 0.85 in or higher -18...121 °C Corrosive fluid at specific gravity of 0.85 in or higher -18...121 °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	2...5 in adjustable
Float position	Right
Float rod angle	45°
Short-circuit protection	20 A cartridge fuse, type gG
Local signalling	With external pointer
Materials in contact with fluid	Stainless steel 304 Cast iron

	Stainless steel 316 Viton Yellow brass
<b>Enclosure material</b>	Polypropylene or equivalent
<b>Operating position</b>	Vertical position only
<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>Product weight</b>	1.42 kg
<b>Terminals description ISO n°1</b>	Line-load-load-line
<b>Factory modification</b>	Omit 2.5 inch bushing and float
<b>Kit composition</b>	Float Rod 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>	UL listed file E12158 CSA file LR25490

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	19.8 cm
<b>Package 1 Width</b>	18.3 cm
<b>Package 1 Length</b>	29.5 cm
<b>Package 1 Weight</b>	1.37 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Not applicable, out of EU RoHS legal scope
<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)