

Product data sheet

Specifications



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

9037HG33

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...220 °F (-18...104 °C) Sea water specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C) Hydraulic oil specific gravity of 0.85 in or higher 0...220 °F (-18...104 °C) 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 2.2 kW 3 hp)115 V AC, 3 phases 2.2 kW 3 hp)230 V AC, 1 phase 3.7 kW 5 hp)230 V AC, 3 phases 0.75 kW 1 hp)460 V AC, 3 phases 0.75 kW 1 hp)475 V AC, 3 phases 0.18 kW 0.25 hp)32 V DC 0.37 kW 0.5 hp)115 V DC 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	20 A cartridge fuse gG
Local signalling	With external pointer
Materials in contact with fluid	Cast iron Stainless steel 316

	Stainless steel 304 Yellow brass Nitrile (Buna-N) or equivalent rubber
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
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V UL 508
Net weight	4.48 lb(US) (2.03 kg)
Terminals description ISO n°1	Line-load-load-line
Factory modification	Without
Kit composition	Float switch Rod Float

Environment

Standards	CE UL 508
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 1 UL 50
Product certifications	CSA file LR25490 UL listed file E12158

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.72 in (19.6 cm)
Package 1 Width	7.01 in (17.8 cm)
Package 1 Length	11.69 in (29.7 cm)
Package 1 Weight	4.19 lb(US) (1.9 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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Recommended replacement(s)