

Product data sheet

Characteristics

9037HG37

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

Main

Range of product	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...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	3.75...7 in adjustable
Float position	Right
Float rod angle	90°
Short-circuit protection	20 A cartridge fuse, type gG
Local signalling	With external pointer
Materials in contact with fluid	Cast iron Stainless steel 304 Yellow brass Nitrile (Buna-N) or equivalent rubber Stainless steel 316
Enclosure material	Polypropylene or equivalent
Operating position	Vertical position only
Electrical durability	100 cycles, operating rate <60 cyc/mn
Mechanical durability	300 cycles
Terminal block type	4 terminals
Maximum operating rate	60 cyc/mn
[Ui] rated insulation voltage	575 V conforming to UL 508
Net weight	2.06 kg
Terminals description ISO n°1	Line-load-load-line

Factory modification	Without
Kit composition	Float switch Rod Float

Environment

Standards	UL 508 CE
Ambient air temperature for operation	-30...93 °C
Ambient air temperature for storage	-30...93 °C
NEMA degree of protection	NEMA 1 conforming to UL 50
Product certifications	UL listed[RETURN]CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.6 cm
Package 1 Width	17.8 cm
Package 1 Length	29.7 cm
Package 1 Weight	1.93 kg

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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