

9037HG31R

closed tank - NEMA 1 - screw-in bushing - 2 NO
DPST-DB contacts



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 NO snap action DPST-DB Form XX
Controlled fluid	Fresh water @ specific gravity of 0.85 in or higher 220 °F Sea water @ specific gravity of 0.85 in or higher 220 °F Hydraulic oil @ specific gravity of 0.85 in or higher 220 °F Corrosive fluid @ specific gravity of 0.85 in or higher 220 °F
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 open on liquid rise
Float movement	2...11.5 in adjustable
Float position	Right
Float rod angle	90° (offset)
Short circuit protection	20 A cartridge fuse gG
Local signalling	With external pointer
Materials in contact with fluid	Cast iron 316 stainless steel Nitrile (Buna-N) or equivalent rubber Yellow brass 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 Rod Float switch

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Environment

Standards	CE 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 CSA file LR25490

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 3Q2014 Will be Compliant on 3Q2014
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Period	18 months
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