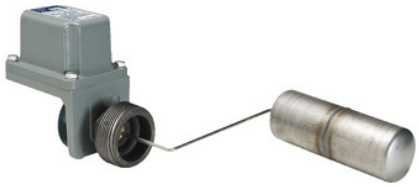
Product data sheet
Characteristics

9037HR33
Float switch, Pumptrol, closed tank, NEMA 7/9, 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	2 conduit entries for 3/4"-14 NPT 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	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	Nitrile (Buna-N) or equivalent rubber Yellow brass Stainlesss steel 304 Cast iron Stainless steel 316
Enclosure material	Cast aluminium
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
Terminals description ISO n°1	Line-load-load-line

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Factory modification	Without
Kit composition	Float Float switch Rod

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 7/9 conforming to UL 698
Product certifications	UL listed HazLoc[RETURN]CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.05 cm
Package 1 Width	24.13 cm
Package 1 Length	34.29 cm
Package 1 Weight	4.367 kg

Offer Sustainability

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