Product data sheet

Specifications



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

9037HG38Z20

Product availability : Stock - Normally stocked in distribution facility

Price* : 149.00 USD

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…250 °F (-18…121 °C) Sea water specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C) Hydraulic oil specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C) Corrosive fluid specific gravity of 0.85 in or higher 0…250 °F (-18…121 °C)
Motor power kW	1.5 kW 2 hp)115 V AC, 1 phase 2.2 kW 3 hp)115 V AC, 3 phase 2.2 kW 3 hp)230 V AC, 1 phase 3.7 kW 5 hp)230 V AC, 3 phase 0.75 kW 1 hp)460 V AC, 3 phase 0.75 kW 1 hp)475 V AC, 3 phase 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	3.75...7 in adjustable
Float position	Left
Float rod angle	90°
Short-circuit protection	20 A cartridge fuse gG
Local signalling	With external pointer

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Materials in contact with fluid	Stainless steel 316 Cast iron Viton Yellow brass Stainlesss steel 304
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	4.8 lb(US) (2.18 kg)
Terminals description ISO n°1	Line-load-load-line
Factory modification	Without
Kit composition	Float switch Float Rod

Environment

Standards	UL 508 CE
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	UL listed file E12158 CSA file LR25490

Ordering and shipping details

Category	21601-9037,9038 COMMERCIAL FLOAT SWITCHES
Discount Schedule	CP7G
GTIN	785901975212
Number of Units in Package 1	1
Package 1 Weight	4.19 lb(US) (1.9 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
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)

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
REACh Regulation	REACh Declaration

EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months