

FEATURES



- Magnetic Actuation
- All 316SS Wetted Parts
- SPST 3A Contacts
- No O-Ring or Packing Seals
- Hermetically Sealed Switch Mechanism
- Hi or Lo Level Operation

TYPICAL APPLICATIONS

Petroleum Processing

Fuels, lubricating oils, hydraulic fluids, separators, treaters, crude oil, fuel-water interfaces.

Chemical Processing

Acids, alkalis, ammonia, paint, lacquer, peroxides, alcohols, printing inks, freon.

Food Processing

Beverages, fruit juices, cooking oils.

Pharmaceutical and Cosmetic

Liquids, emulsions, lotions, solutions.

Marine Operations

Fuel oil, hydraulic fluid, bilge level alarms, sea water, coolant, condensate levels, cargo levels.

Reactor Operation

Level control, alarm signaling.

Water Industry

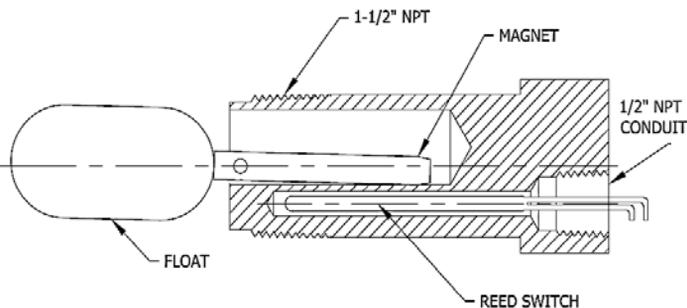
Flood control, reservoir levels.

General

Leak detection, overflow alarm, low level alarm in evaporators.

OPERATION

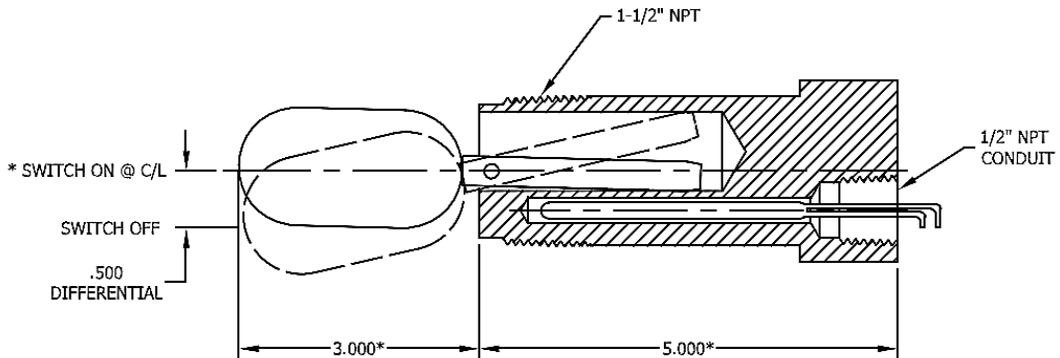
The Jerguson JMRS series float operated magnetic reed switch is designed to provide reliable low cost switching.



Utilizing a magnetically actuated reed switch to provide a contact, switching occurs when the float moves a magnet into close proximity of the reed switch. The all SST construction and hermetically sealed reed switch provides long life at a very low cost, without diagrams or other seals that can leak.

JMRS Horizontal Mount Magnet Level Switch

DIMENSIONS AND SPECIFICATIONS



*NOMINAL SWITCH POINT @ 1.00 SG

*DIMENSIONS ARE SPECIFIC TO BASE MODEL NUMBER: JMRS 2100

PRESSURE RATING	MINIMUM SPECIFIC GRAVITY	PROCESS MAX. TEMP	CONNECTION	DIMENSION A
			1-1/2" NPT	5"
1500 PSIG	0.40	400°F/205°C	2" NPT	5-5/8"

MODEL SELECTION GUIDE

MAGNETIC REED SWITCH				
JMRS	CODE	BODY MATERIAL		TRIM MATERIAL
	2	T-316 SST		T-316-SST
		CODE		CODE
		1	SPST HERMETICALLY SEALED	3 AMPS @ 120 VAC/DC
		2	SPDT HERMETICALLY SEALED	3 AMPS @ 120 VAC/DC
		CONNECTION		CODE
		1 1/2" NPT, 316SS		00
		2" NPT, 316 SS		70
				CARBON STEEL
				316SS
		2 1/2" 150# RF THREADED		11 13
		2 1/2" 300# RF THREADED		21 23
		2 1/2" 600# RF THREADED		31 33
		3" 150# RF THREADED		41 43
		3" 300# RF THREADED		51 53
		3" 600# RF THREADED		61 63
		CODE	OPTIONS	
		FEXXXX	FLOAT EXTENSION (INCHES) - CONSULT FACTORY	
		P	POLYPROPYLENE FLOAT (MAX TEMP = 250°F (121°C))	
		BW	BACK WELDED FLANGE	
JMRS	2	1	00	TYPICAL MODEL NUMBER

JERGUSON®