

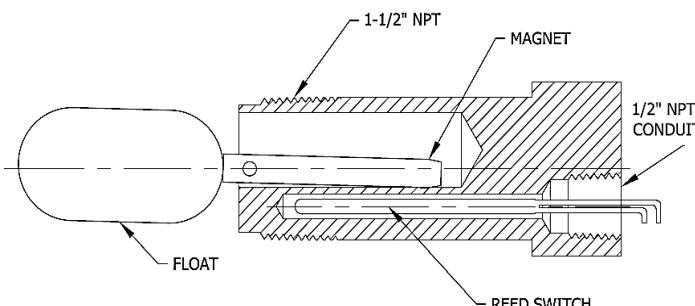
FEATURES



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

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 diaphragms or other seals that can leak.

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.

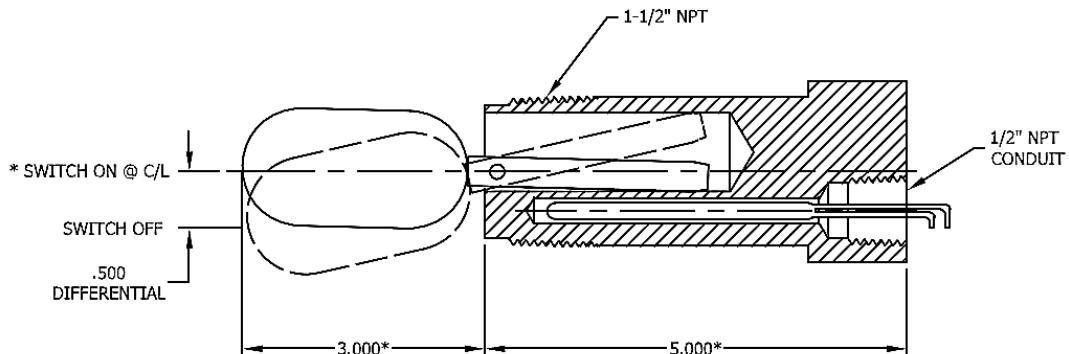
General

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

JERGUSON®

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	
1500 PSIG	0.55	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	1500 PSIG @ 100°F	00
		2" NPT, 316 SS	1500 PSIG @ 100°F	70
				CARBON STEEL 316SS
		2 1/2" 150# RF THREADED	285 PSIG @ 100°F	11 13
		2 1/2" 300# RF THREADED	740 PSIG @ 100°F	21 23
		2 1/2" 600# RF THREADED	1480 PSIG @ 100°F	31 33
		3" 150# RF THREADED	285 PSIG @ 100°F	41 43
		3" 300# RF THREADED	740 PSIG @ 100°F	51 53
		3" 600# RF THREADED	1480 PSIG @ 100°F	61 63
		CODE	OPTIONS	
		FEXXXX	FLOOD EXTENSION (INCHES) - CONSULT FACTORY	
		P	POLYPROPYLENE FLOAT (MAX TEMP = 250°F (121°C)	
		BW	BACK WELDED FLANGE	
JMRS	2	1	00	TYPICAL MODEL NUMBER

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