JERGUSON®
A PRODUCT OF CLARK-RELIANCE

JMRS
Horizontal Mount
Magnetic Reed Switch

Section:	JS100
Bulletin:	JS100.01
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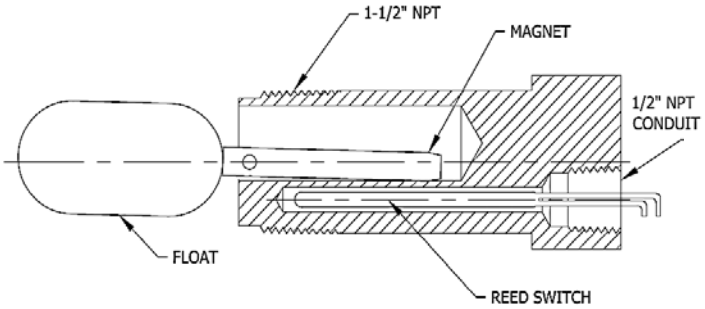
FEATURES



- **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 diagrams 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.

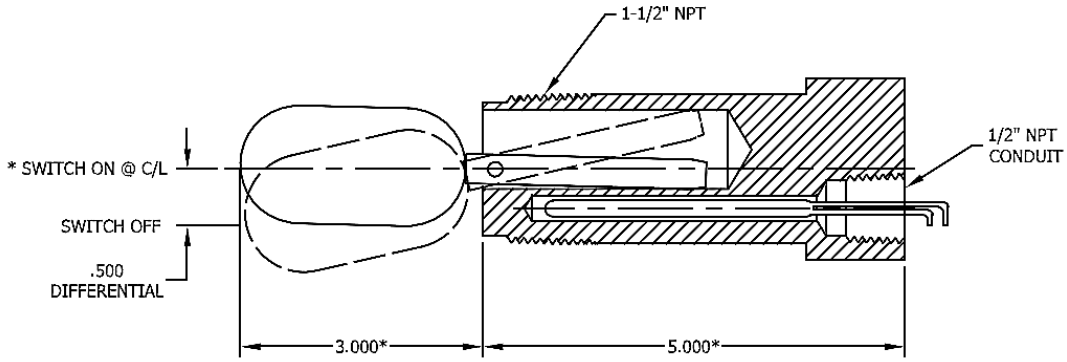
Water Industry
Flood control, reservoir levels.

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

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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	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	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®

Authorised Distributor:

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