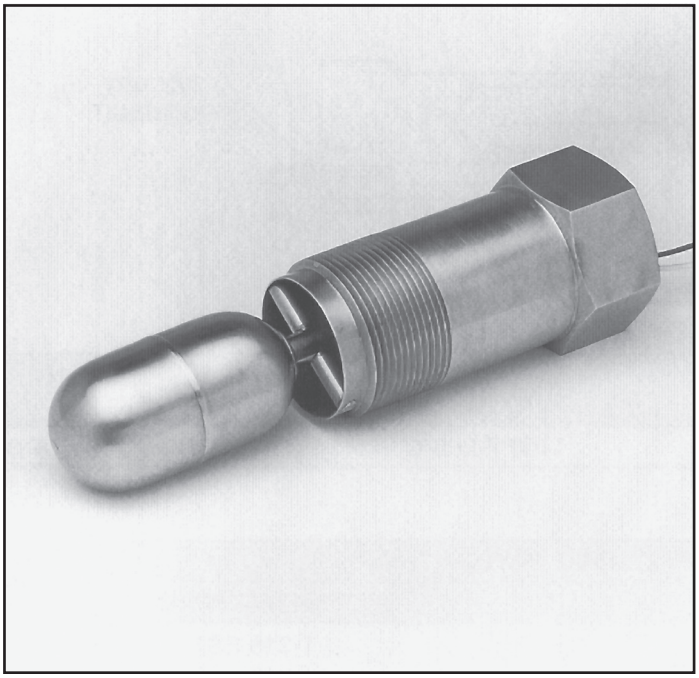
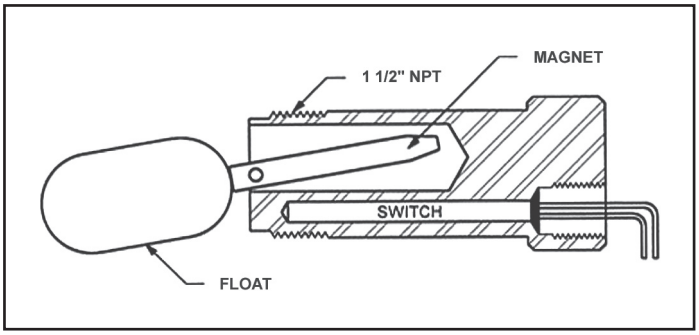
JERGUSON®
A PRODUCT OF CLARK-RELIANCE
Specialists in Liquid Level Indication

JMRS
Horizontal Mount
Magnetic Reed Switch



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.

FEATURES

- Magnetic Actuation
- All SST 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.

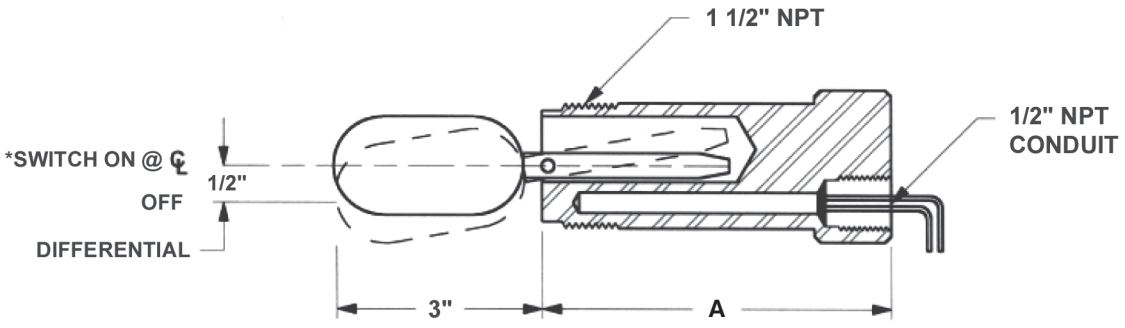
Water Industry
Flood control, reservior levels.

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

JERGUSON®
A PRODUCT OF CLARK-RELIANCE
16633 Foltz Parkway • Strongsville, OH 44149 USA
Telephone: (440) 572-1500 • Fax: (440) 238-8828
sales@clark-reliance.com • www.clark-reliance.com

JMRS Horizontal Mount Magnet Level Switch

DIMENSIONS AND SPECIFICATIONS



*NOMINAL SWITCH POINT @ 1.0 S.G.

PRESSURE RATING	MINIMUM SPECIFIC GRAVITY	PROCESS MAX. TEMP
1500 PSIG	0.40	400˚F/205˚C

CONNECTION	DIMENSION A
1 - 1/2" NPT	5"
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	304SS	316SS
	1	SPST Hermetically Sealed		3 AMPS	120 VAC/DC	100 WATTS
	2	SPDT Hermetically Sealed		3 AMPS	120 VAC/DC	100 WATTS
	CONNECTION	PRESSURE RATING (Carbon Steel)		CODE		
	1 1/2" NPT, 316 SS	1500 PSIG @ 100˚F		00		
	2" NPT, 316 SS	1500 PSIG @ 100˚F		70		
				CARBON STEEL	304SS	316SS
	2 1/2" 150# RF Threaded	285 PSIG @ 100˚F		11	12	13
	2 1/2" 300# RF Threaded	740 PSIG @ 100˚F		21	22	23
	2 1/2" 600# RF Threaded	1480 PSIG @ 100˚F		31	32	33
	3" 150# RF Threaded	285 PSIG @ 100˚F		41	42	43
	3" 300# RF Threaded	740 PSIG @ 100˚F		51	52	53
	3" 600# RF Threaded	1480 PSIG @ 100˚F		61	62	63
		CODE	OPTIONS			
		FEXXXX	Float Extension (inches) – Consult Factory			
		P	Polypropylene Float			
		BW	Back Welded Flange			
JMRS	2	1				TYPICAL MODEL NUMBER

REPRESENTED BY: YATES & COMPANY, INC.
1 Hollywood Ave, Unit 22 HoHoKus, NJ 07423
Tel: 201-345-3101
Email: info@yatesco.net

JERGUSON®
A PRODUCT OF CLARK-RELIANCE

16633 Foltz Parkway • Strongsville, OH 44149 USA
Telephone: (440) 572-1500 • Fax: (440) 238-8828
sales@clark-reliance.com • www.clark-reliance.com