

# MJK Float Switch 7030

2.71

MERCURY FREE WITH BREAK RESISTANT CABLE

## General

The exceptional reliability of the MJK Float Switch 7030 makes it very suitable for many highly automated systems to provide additional protection against control system failures, preventing pumps from running dry, etc.

MJK uses only up-to-date, environmentally friendly materials in the Float Switch 7030. The extra durability of the potted switching components - strong multi-fiber flexible cable and rugged polypropylene enclosure - allows the Float Switch 7030 to deliver reliable results where other float switches fail.

## Features

- Environmental friendly - no mercury
- Unmatched rugged construction for durability
- Reliable electromechanical contact system - guaranteed for up to 20 million operations
- Unique counterweight system
- UL approved 250 VAC/16 A switch
- 39, 65, 100 or 150 ft. oil resistant PVC cable and polypropylene cable bracket
- SPDT relay allowing normally open or normally closed configurations - selected based on how it is wired.

## Applications

- Waste water pumping stations
- Sewage treatment plants
- Drinking water reservoirs.

## Functions

A hermetically sealed microswitch is activated by a moving counterweight when the float changes its position in the fluid. The changeover hysteresis can be adjusted by means of a counterweight placed on the cable. The counterweight also ensures that Float Switch 7030 is always correctly positioned and makes the bend of the cable less sharp.



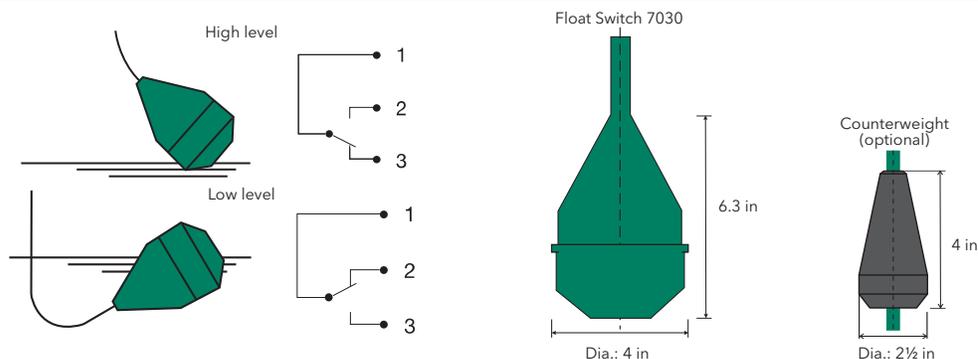
## DATASHEET

US 2.71 Float Switch 7030 datasheet 1811

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a xylem brand

# MJK Float Switch 7030

## Connections and Dimensions



## Specifications

Float Switch 7030	
Contact system	Mechanical change-over switch (SPDT)
Max. load	16 A @ 200 VAC, 0.5 A @ 220 VDC
Temperature	- 5 to + 150 °F
Materials	Polypropylene/Oil resistant PVC (float housing/cable)
Cable	3 X AWG 17, oil resistant PVC insulation. Dia. 1/3 in.
Approvals	Switch UL U83 161 3 (16A 125VAC). CE: EN61000-6-4 2007/EN61000-6-2 2005

## Order Numbers

Float Switch 7030	
MJK202810	Float Switch 7030 with 12m/39 ft. cable
MJK202811	Float Switch 7030 with 20m/65 ft. cable
MJK202811-100	Float Switch 7030 with 30,5m/100 ft. cable
MJK202811-150	Float Switch 7030 with 46m/150 ft. cable

Float Switch 7030 incl. counter weight	
MJK202814	Float Switch 7030 202810 incl. 560917 with 12m/39ft cable
MJK202814-65	Float Switch 7030 202811 incl. 560917 with 20m/65ft cable
MJK202814-100	Float Switch 7030 202810 incl. 560917 with 30,5m/100ft cable

Float Switch 7030 accessories	
MJK560914	Plastic mounting bracket for cable Ø6-10mm
MJK560917	Counter weight f. level switch 400 gr.

For support in North Americas, please contact:

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