

DREXELBROOK[®]

7014 and 7010 Series

Float Switches



Economical level switch

The B/W 7014 and 7010 float switch products offer an economical solution to clean liquid point level measurement.

Multiple switch points

The B/W float switches offer single point or up to 12 switch points on a single guide tube.

Direct or Indirect operation

Switches can close on rising level or open on rising level

Suitable for many Applications

Applicable to clean liquids for high or low level indication, pump control, and stop fill on storage vessels.

Reliable mechanical point level switches for use in many clean liquids applications. Float switches provide general-purpose point level device at an economical price. Simple installation and reliable operation make floats a good choice for many point level applications.

B/W float switches provide reed switch or mechanical switch outputs that can be connected to B/W relay Modules for control function or directly to a PLC or DCS system. Relays are available for general purpose and with intrinsically safe outputs for hazardous areas.

B/W Floats are available in a variety of materials for use in many different process liquids.

7014 Unifloat™ Specifications

Output:

Type C or Type I Reed switch
(Type I for direct connection to PLC or DCS)

Material of Construction:

316SS (Brass optional)

Number of switch points:

Up to 12

Maximum Length of guide tube:

Up to 12 feet

Operating Temperature:

0 to 250 degrees F

Operating Pressure:

Vacuum to 14,7 psi

7010 Tilt Switch Specifications

Output:

Mercury switch or mechanical S.P.D.T.

Material of Construction:

Polypropylene

Number of switch points:

One

Maximum Length of tether cord:

20 feet standard (longer length available)

Operating Temperature:

32 to 160 degrees F

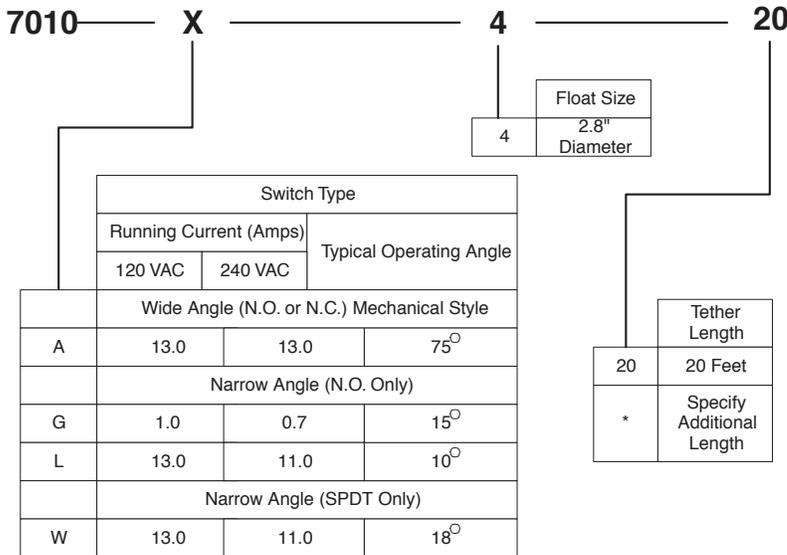
Operating Pressure:

Vacuum to 26 psi

7014 and 7010 Series

Model Numbering

Tilt Switch



Note - Additional length wire is spliced to existing float wire. Special epoxy heat shrink tube is used to assure watertight seal.

UniFloat™

7014 — X — X — X — X — XX

Type Of Reed Switch	
C	Type C Common Ground

Note - Type "I" Isolated Contact Reed Switch Available

Holder Material and Size	
A	Cast Iron 2" & 3" NPT
B	316 Stainless Steel 2" NPT 1 - 7 Switches
C	316 Stainless Steel 3" NPT 5 - 6 Switches

Guide Tube Material	
B	Brass
SS	316 Stainless Steel

Note - Complete "Reed Switch Specification Chart" in Application Worksheet section to indicate reed switch function and location.

Number of Switches		
1	1 Magnetically Latched reed Switch(s)	2 In. Holder
2	2 Magnetically Latched reed Switch(s)	
3	3 Magnetically Latched reed Switch(s)	
4	4 Magnetically Latched reed Switch(s)	
5	5 Magnetically Latched reed Switch(s)	
6	6 Magnetically Latched reed Switch(s)	
7	7 Magnetically Latched reed Switch(s)	
8	8 Magnetically Latched reed Switch(s)	3 In. Holder
9	9 Magnetically Latched reed Switch(s)	
10	10 Magnetically Latched reed Switch(s)	
11	11 Magnetically Latched reed Switch(s)	
12	12 Magnetically Latched reed Switch(s)	

Lengt of Guide Tube	
1	1 Foot
2	2 Foot
3	3 Foot
4	4 Foot
5	5 Foot
6	6 Foot
7	7 Foot
8	8 Foot
9	9 Foot
10	10 Foot
11	11 Foot
12	12 Foot