

Toilet Flush Sensor TFS



Description

For use as a toilet flush sensor.

Theory of Operation

The Toilet Flush Sensor provides patient toilet usage detection. The float sensor acts as a normally closed switch when the toilet tank reservoir is full. When the water level in the reservoir drops, the switch opens indicating that the toilet has been flushed. The signal is sent to a transmitter which connects to the owner's monitoring system.

Additional Features

All parts intended to be exposed to the tank reservoir water are waterproof, including the sensing element. The length of the bracket holding the sensing element can be easily adjusted to ensure proper water level sensing.

Construction

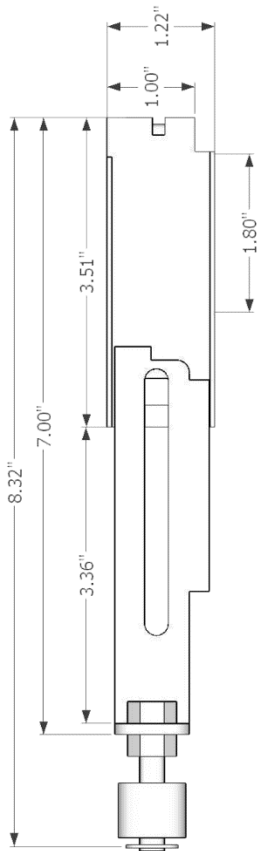
Parameter	Description
Top Bracket Piece	ABS plastic
Bottom Bracket Piece	ABS plastic
Bracket Hardware	Nylon plastic
Interface	Normally closed reed switch with magnetic float and 2-conductor cable

Specifications

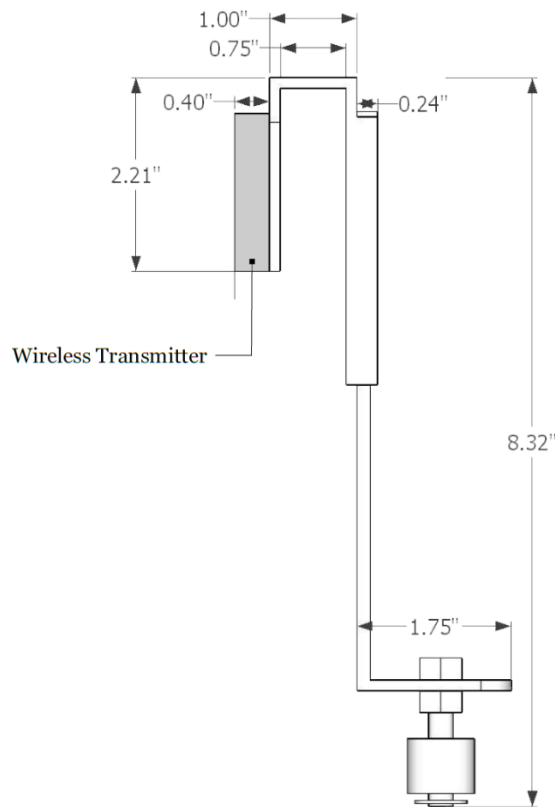
Parameter	Typical Val	Unit
Length Min (Max)	5.75 (8.75)	in
Width	1.2	in
Height	1.6	In
Operating Voltage Min (Max)	2.6 (3.6)	V
Frequency (GE Version, TFS-GE)	319	MHz
Frequency (Honeywell, TFS-HW)	345	MHz
Frequency (2GIG, TFS-HW)	345	MHz
Frequency (DSC, TFS-DSC)	433	MHz
Frequency (Cryptix, TFS-CRYPTIX)	433	MHz
Battery Life	>4	years

Physical Dimensions

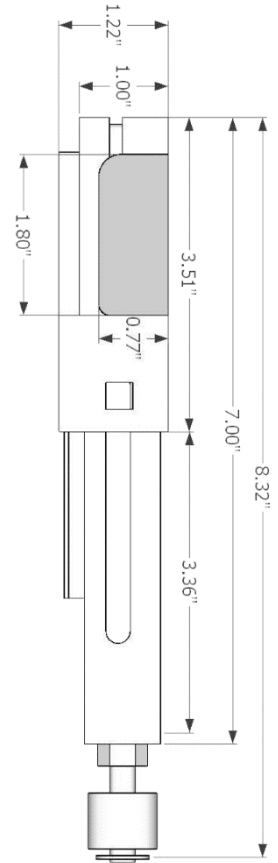
Front View



Side View



Back View



(Bracket shown fully extended)

Isometric View

