

Thin Chair Occupancy Sensor TCOS



Description

For use as a chair occupancy sensor.

Theory of Operation

The Thin Chair Occupancy Sensor provides patient presence and location detection. The sensor pad acts as a normally open contact switch. When enough force is applied to overcome the preset activation pressure the sensor pad switch closes, indicating that the chair is occupied.

Additional Features

Constructed from a waterproof, anti-microbial (upper) material, and a waterproof, anti-slip (lower) material. This mat can be folded and rolled up without permanently damaging the sensor. The connection to the switch is via a supplied cable, a cable connector/jack, or a wireless transmitter, depending on the model of SmartBox.

Construction

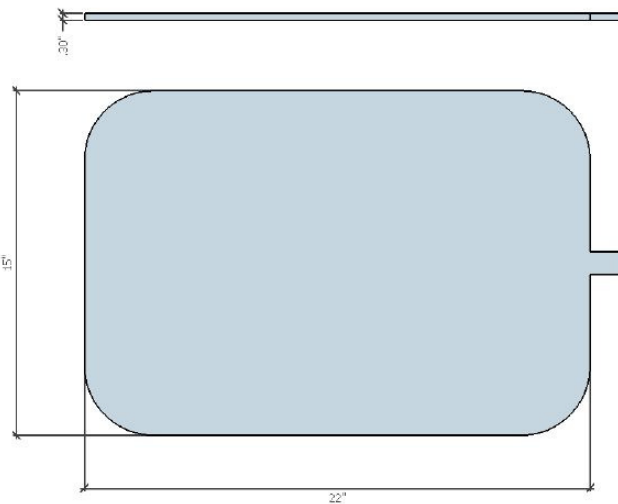
Parameter	Description
Top Material	Vinyl coated nylon cloth
Bottom Material	PVC coated polyester cloth
Interface	Normally open momentary contact switch
Cable	4-conductor, 24AWG, PVC shielded

Specifications

Parameter	Typical Val	Unit
Length	21	in
Width	15	in
Height	0.3	In
Max Operating Current	50	mA
Max Operating Voltage	24	V
Min Activation Force	25	lbs

Physical Dimensions

Front View



Top View