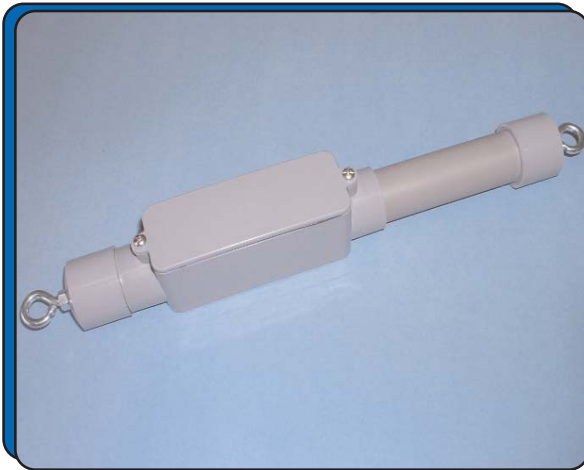


# WIRELESS TAUT WIRE SENSOR DETECT FENCE CLIMB OVER/UNDER 1000-77W SERIES



## FEATURES:

- \* No False Alarms due to wind, rain, snow or vegetation
- \* Low Cost per Foot
- \* Adjustable Sensitivity
- \* Heavy Duty UV Resistant PVC Case
- \* Epoxy Sealed for maximum resistance to harsh environments
- \* E.O.L. Resistors, Diodes and Supervisory Loops Available
- \* High Security Models Available
- \* 10 Year Warranty

**OPERATION:** The Model 1000-77W is an economical wireless taut wire sensor that can provide a high level of security against climb-over/under or cut-through of fences of any type with no false alarms. The taut wire sensor can span 200 feet with wire supported every 20 feet. Sensors can be



positioned at the top of the fence in addition to the bottom and middle to prevent both climb over and cut through. Most off-the-shelf surface mount wireless transmitters will fit into the large waterproof cavity. The range of these transmitters is typically up to 1000 feet unobstructed. The wireless taut wire sensor can be supplied with a transmitter and receiver or this can be installed in the field. The High Security Model, P/N 1000-77WHS, comes with a tilt-switch that will alarm if the sensor is moved out of it's horizontal position. The Taut Wire Sensor is installed using a turnbuckle which is tightened causing a spring loaded eyebolt on the 1000-77W to extend to a factory set calibration mark on the shaft. This aligns an internal magnetic contact in the closed loop state. Cutting or pulling on the taut wire will move the internal magnet out of position and cause the switch to open and alarm. Sensitivity can be adjusted by adjusting the turnbuckle as desired.

Part Number	Loop Type	Electrical Configuration	Stroke	Maximum Initial Contact Resistance (Ohm)	Maximum Contact Rating (W)	Maximum Switching Voltage (VDC/VAC)	Maximum Switching Current (A)
1000-77W	Closed	Wireless	1/2"	.100	10	100	.500
1000-77WHS	High Security Closed	Wireless	1/2"	.100	10	100	.500