

Title: Taut Wire Sensor

Objective: Verify device is installed using acceptable standards and practices, communicates properly with the IDS, and provides proper protection of assets and meets or exceeds the contract performance specification.

Applicability: Fences, perimeters.

Notes:

1. Real-time voice communications between the workstation operator and the field technician is required.
2. The field technician may need tools, protective equipment, and a stepladder to perform the sensor tamper test.
3. When conducting the deflection test, do not pull wires beyond a 2 inch deflection. This is to avoid damaging the system.
4. Make penetration attempts using methods and locations that minimize the chance of detection.
5. Conduct tests for each wire at the point farthest from the sensor posts.
6. Conduct the tamper test for field distribution boxes, sensor posts, and sensor post junction boxes (if used).

Steps	Actions	Expected Results
1.0	<u>Intrusion Test – Deflection Test</u>	
1.1	Attach a measurement tool (like a yardstick) behind the wire to be tested.	No alarms are received at the workstation.
1.2	Slowly pull the wire down and measure the vertical deflection required to trigger an alarm. (See note 3.)	An intrusion alarm is received at the workstation.
1.3	Clear the intrusion alarm at the workstation.	The active alarm queue is empty.
1.4	Repeat for each wire.	