

Missing zero position sensor for given function

This is a [soft](#) alarm.

Description

No movement detected was detected at all when a motor was commanded to move. The alarm indicates both which zero position sensor that was not detected: tower, telescope, arm or nozzle.

Troubleshooting

- Tower
 - [Check cable](#) from sensor
 - Check that the magnet is intact
 - Check that the magnet is aligned with the sensor when tower is at position 0
- Telescope
 - Check harness for damages
 - Check that the magnet is intact
 - Check that the magnet reaches the black box when telescope is at position 0
- Arm
 - Check the harness for damages
 - Check that the turning gear is in level with the black box when arm is at position 0
- Nozzle
 - [Check cable](#) from motor

From:

<https://13.53.123.107/> - **Envirologic Support Wiki**

Permanent link:

https://13.53.123.107/doku.php/troubleshooting:alarm:tsa_missing_zero_sensor

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