



SQN8x

SQN8x Calibration Procedure

Zero Calibration - Option 1 Configuration

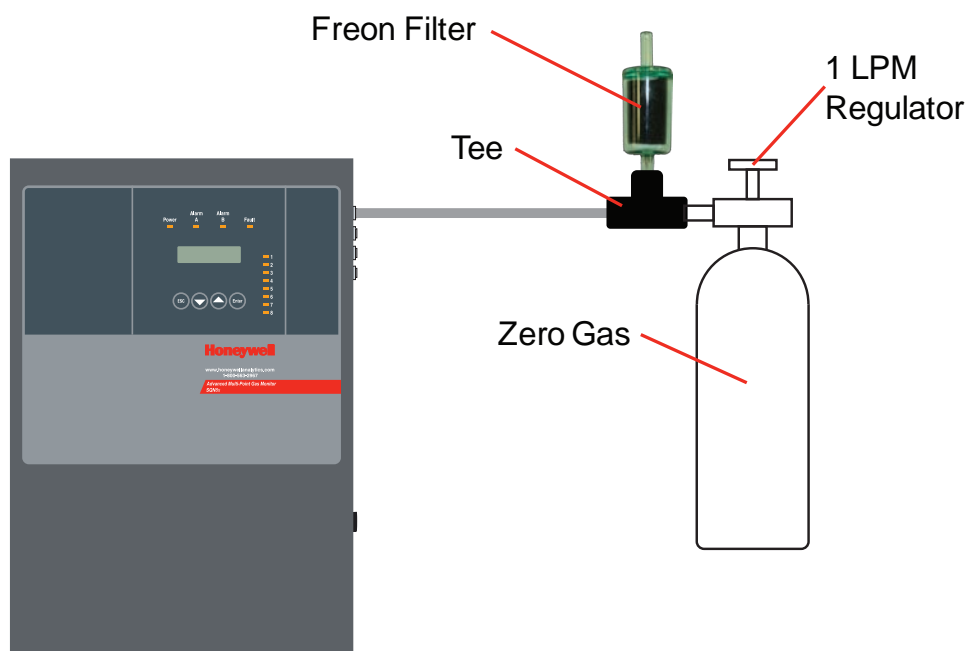
1. Connect 1LPM regulator to a Zero Air grade gas cylinder
2. Attach a “tee” to the regulator
3. Attach a freon filter to the tee
4. Connect open port of the tee to the SQN8x inlet port
5. Be sure the SQN8x is in “Zero Calibration” mode for the desired channel.

The sample pump will draw the required zero gas from the cylinder. Any excess flow will be routed to the Freon filter.



CAUTION

NEVER force a sample into the SQN8x, damage to the unit may result



Zero Calibration - Option 2 Configuration

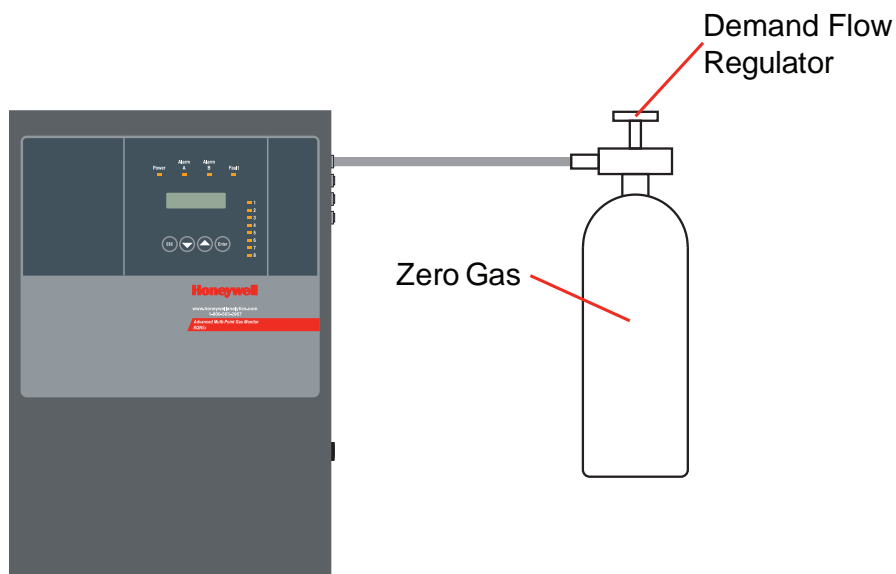
1. Connect demand flow regulator to Zero Air grade gas cylinder
2. Be sure the SQN8x is in “Zero Calibration” mode for the desired channel

The sample pump will draw the required zero gas from the cylinder.



CAUTION

NEVER force a sample into the SQN8x, damage to the unit may result



Regardless of gassing configuration, the SQN8x must be in “Calib Zero” mode to zero the unit.

NOTE:

Perform a Zero Calibration before attempting a Span Calibration. Ensure the background is free of potential gases or apply zero grade air

1. Navigate to Programming > Calib Zero.

```
PROGRAMMING
CALIB ZERO  ⏮⏭
```

2. Select the sensor to be zeroed.

```
CALIB ZERO
T1    02    ⏮⏭
```

3. ENTER to begin sensor zero.

```
CALIB ZERO
Go Calib ?  ⏮⏭
```

4. Display returns to CALIB ZERO when complete.

```
CALIB ZERO
          0%  ⏮⏭
```

Span Calibration - Option 1 Configuration

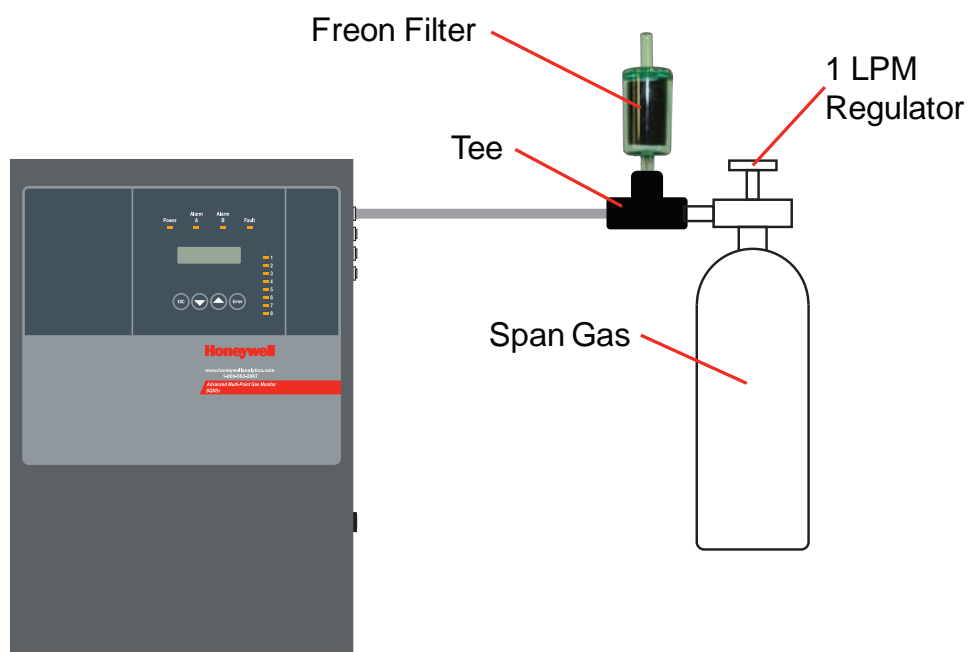
1. Connect 1LPM regulator to a Span gas cylinder
2. Attach a "tee" to the regulator
3. Attach a freon filter to the tee
4. Connect open port of the tee to the SQN8x inlet port
5. Be sure the SQN8x is in "Span Calibration" mode for the desired channel.

The sample pump will draw the required span gas from the cylinder. Any excess flow will be routed to the Freon filter and captured.



CAUTION

NEVER force a sample into the SQN8x, damage to the unit may result



Span Calibration - Option 2 Configuration

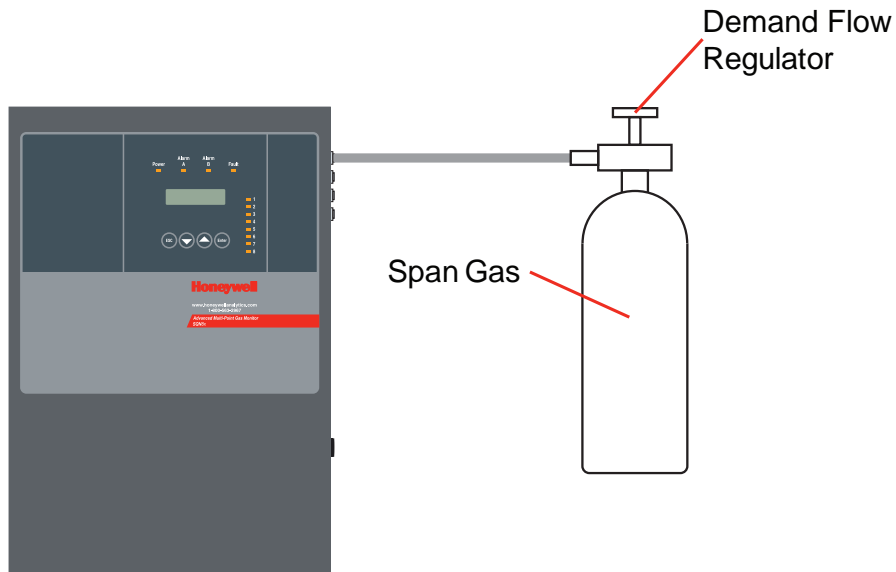
1. Connect demand flow regulator to Span gas cylinder
2. Be sure the SQN8x is in "Span Calibration" mode for the desired channel

The sample pump will draw the required span gas from the cylinder.



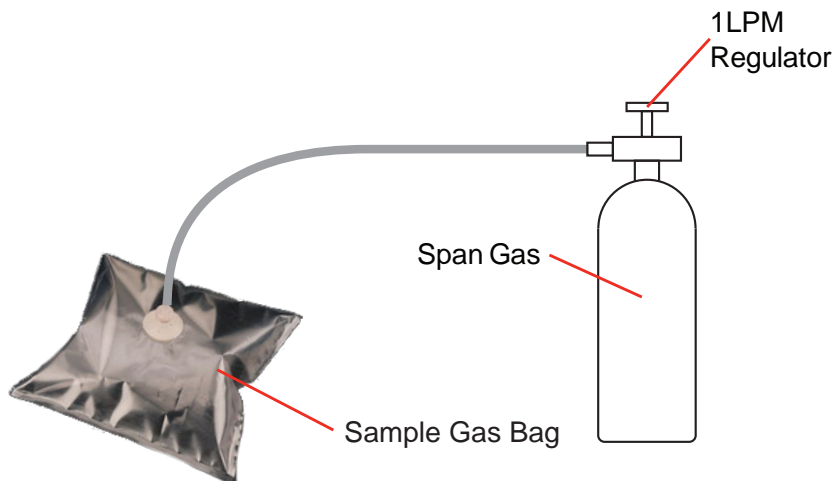
CAUTION

NEVER force a sample into the SQN8x, damage to the unit may result



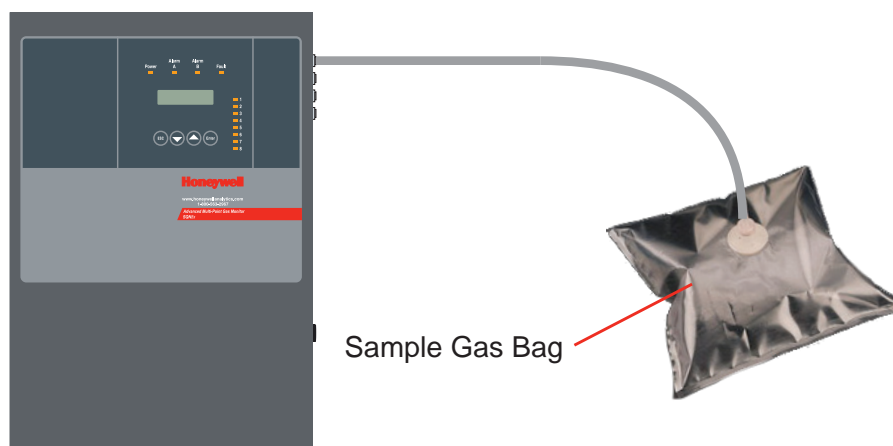
Span Calibration - Option 3 Configuration

1. Fill a gas bag with target sample gas



2. Enter "Calibration" menu of SQN8x for the desired channel
3. Attach the tubing to the desired inlet point of the SQN8x
4. Attach SQN8x to gas bag port.

The sample pump will draw the sample gas from the gas bag

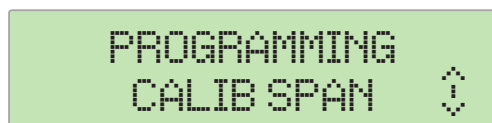


Regardless of gassing configuration, the SQN8x must be in "Calib Span" mode to span the unit.

NOTE:

Perform a Zero Calibration before attempting a Span Calibration. Ensure the background is free of potential gases or apply zero grade air

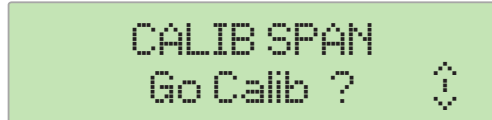
1. Navigate to Programming > Calib Span.



2. Select the sensor to be zeroed.



3. ENTER to begin sensor zero.



CALIB SPAN
Go Calib ? ↑↓

4. Display returns to CALIB SPAN when complete.



CALIB SPAN
0% ↑↓