

PERFORMANCE

Range 0 - 2000 ppm
 Maximum overload 10000 ppm
 Sensitivity 21 - 64 nA/ppm NO
 Zero in air at 20 °C -1 to +67 ppm NO
 Zero deviation (-20 to +50 °C) -2 to +10 ppm NO
 Resolution 0.5 ppm NO
 Linearity linear across range
 Response time, t_{90} <60 s
 Long-term output drift <2% signal/month
 Warranty 2 years

OPERATING CONDITIONS

Temperature range -20 to +50 °C
 Operating humidity 15 - 90% RH (non-condensing)
 Pressure range 90 - 110 kPa (nominal)
 Operating circuit see Electrochemical Toxic Sensor
 Application Note
 Applied potential +300 mV
 Storage life 6 months in original packaging (0 - 25 °C)

PHYSICAL CHARACTERISTICS

Label colour silver
 Weight 5 g approx.
 Dimensions see outline

This device is designed to be RoHS compliant.

CROSS-SENSITIVITY DATA

TBA

TEMPERATURE DEPENDENCE

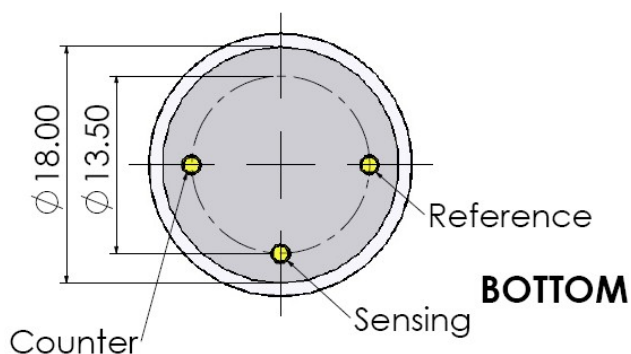
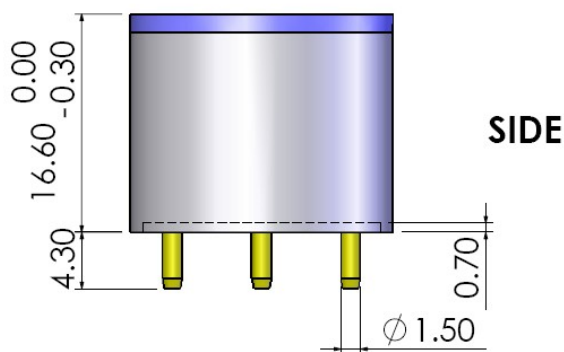
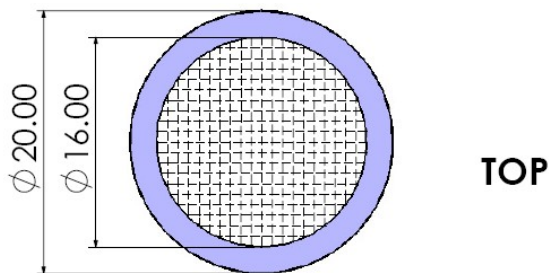
TBA

Important Note

Do not solder to the connector pins as this may damage the sensor and thereby invalidate the warranty.

Details on recommended connector pins can be found in the Frequently Asked Questions within the Gas Sensor section of the SGX website.

OUTLINE



All dimensions in mm.
 All tolerances ± 0.15 mm unless otherwise stated.