



DrägerSensor[®] XS SO₂

P/N 6809160

Gases qualified to measure:	<u>Name</u> Sulfur Dioxide, SO ₂	<u>Display Symbol</u> SO ₂	<u>Relative Response</u> 1.0
Compatible Instruments:	Pac III, MiniWarn & Multiwarn II Monitors		
Measuring Ranges:	Maximum:	0 to 100 ppm SO ₂	
	Standard:	0 to 20.0 ppm SO ₂	
	Minimum:	0 to 10.0 ppm SO ₂	
Response Time:	90% response to exposed concentration in less than 20 seconds, or Alarm at TLV when exposed to 5x TLV in less than 5 seconds.		
Accuracy:	+/- 5% of measured value or better		
Display Resolution:	0.1 ppm SO ₂		
Environmental Conditions:	Temperature:	-40 to 122 °F (-40 to 50 °C), continuous operation -40 to 140 °F (-40 to 60 °C), short duration	
	Humidity:	10 to 90 %RH, continuous operation 5 to 99 %RH, short duration	
	Pressure:	20.7 to 38.4 inches Hg (700 to 1300 mbar)	
	Note:	Rapid changes in environmental conditions may cause temporary fluctuations on the sensor.	
Cross-Sensitivities:	Positive Effects:	H ₂ S, HCN, H ₂ , PH ₃ , Cl ₂ , Acetylene, and Mercaptans	
	Negative Effects:	NO ₂	
	Selective Filter:	K1T removes H ₂ S and most of the PH ₃ and Cl ₂	
	Note:	Other gases may have an influence on the sensor	
Calibration Frequency:	Required:	6 months	
	Recommended:	3 months	
Calibration Gas:	Required:	Sulfur Dioxide	
	Concentration:	40-100% of selected range	
	Minimum:	2 ppm	
Compatible Filters:	Internal Dust & Mist Filter: P/N 6809021 (provided with sensor) Internal Selective Filter (K1T): P/N 6809163 (optional)		
Warranty Period:	2 Years		