

# DrägerSensor<sup>®</sup> XS Amine

P/N 6809545

Gases qualified to measure:	Name	Display Symbol	Relative Response
	Methylamine, CH <sub>3</sub> NH <sub>2</sub> ,	MA	0.70
	Dimethylamine, (CH <sub>3</sub> ) <sub>2</sub> NH	DMA	0.25
	Trimethylamine, (CH <sub>3</sub> ) <sub>3</sub> N	TMA	0.50
	Ethylamine, C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub>	EA	0.70
	Diethylamine, (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> NH	DEA	0.50
	Triethylamine, (C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> N	TEA	0.25

**Compatible Instruments:** Pac III, MiniWarn & Multiwarn II Monitors

**Measuring Ranges:**  
 Maximum: 0 to 100 ppm MA  
 Standard: 0 to 100 ppm MA  
 Minimum: 0 to 50 ppm MA

**Response Time:** 50% response to exposed concentration in less than 30 seconds

**Accuracy:** +/- 5% of Measured Value or better

**Display Resolution:** 1 ppm

**Environmental Conditions:**  
 Temperature: -40 to 122 °F (-40 to 50 °C), continuous operation  
 -40 to 140 °F (-40 to 60 °C), short duration  
 The service life can be reduced by high temperature.  
 Humidity: 10 to 90 %RH, continuous operation  
 5 to 99 %RH, for 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 readings

**Cross-Sensitivities:**  
 Positive Effect: PH<sub>3</sub>, H<sub>2</sub>S, NO, H<sub>2</sub>, and Methanol  
 Negative Effect: CO<sub>2</sub>, Cl<sub>2</sub> and NO<sub>2</sub>  
 Note: Other gases may have an influence on the sensor

**Calibration Frequency:**  
 Required: 6 months  
 Recommended: 3 months

**Calibration Gas:**  
 Recommended: Ammonia  
 Concentration: 40-100% of selected range  
 Minimum: 10 ppm

**Compatible Filters:** Internal Dust & Mist Filter: P/N 6809021(standard)

**Warranty Period:** 12 Months