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6/7/2023																				
Sensor Description	Measuring Range	Accuracy	Resolution	Part No.	Pac 60/6500	Pac 8000	Pac 8500	X-am 5100	X-am 2500	X-am 2800	X-am 5000	X-am 5800	X-am 3500	X-am 8000	Warranty	Recommended Cal Interval	Maximum Cal Interval	Calibration manually or with CC-Vision	Bump Test or Calibration with X-dock	Comments*
Oxygen (O ₂) XXS ¹	0 - 25% Vol.	±1% of measured value	0.1% Vol.	6810881	X			X	X	X	X	X	X	X	3-Yr	6 Months	12 Months	ambient air	ambient air	≤19% O2 required for bump test of O2 on X-dock
Oxygen (O ₂) XXS O2 100	0 - 100% Vol.	±1% of measured value	0.5% Vol.	6812385							X	X	X	X	1-Yr	3 Months	6 Months	ambient air	ambient air	Calibrate at altitude where being used
Oxygen (O ₂) XXS PR	0 - 30% Vol.	±1% of measured value	0.1% Vol.	6800530				X	X	X	X	X	X	X	2-Yr	6 Months	12 Months	ambient air	ambient air	≤19% O2 required for bump test of O2 on X-dock Order via configurator
Ozone (O ₃) XXS	0 - 10 ppm	±3% of measured value	0.01 ppm	6811540	X						X	X	X	X	1-Yr	3 Months	6 Months	5 ppm NO2	5 ppm NO2	N2 required for zero calibration
Phosgene (COCl ₂) XXS	0 - 10 ppm	±5% of measured value	0.01 ppm	6812005	X						X	X	X	X	1-Yr	3 Months	6 Months	2 to 3 ppm COCl ₂	2 to 3 ppm COCl ₂	Calibration gas not sold by Draeger
Phosphine (PH ₃) XXS PH3 (phosphine) AsH3 (arsine) B2H6 (diborane) SiH4 (silane)	Std 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm 0 - 20 ppm	±2% of measured value	0.1 ppm	6810866	X						X	X	X	X	1-Yr	3 Months	6 Months	0.5 ppm PH3	0.5 ppm PH3	
Phosphine High Conc. (PH ₃) XXS HC	0 - 1,000 ppm	±2% of measured value	1 ppm	6812020							X	X	X	X	1-Yr	3 Months	6 Months	5 ppm PH3	5 ppm PH3	Not compatible with CatEx sensor
Sulfur Dioxide (SO ₂) XXS	0 - 100 ppm	±2% of measured value	0.1 ppm	6810885	X			X	X	X	X	X	X	X	2-Yr	3 Months	6 Months	5 ppm SO2	5 ppm SO2	Do not use H2S/SO2 mixed gas on the X-dock
Cat Ex DrägerSensor®																				
Cat Ex 125 PR	0 - 100% LEL 0 - 5.0% Vol. 5 - 100% Vol. ^{2/3}	±1% of LEL	1% LEL 0.1% Vol. 1.0% Vol.	6812950				X	X				X	X	3-Yr	3 Months	6 Months	50% LEL CH4	50% LEL CH4	
Cat Ex 125 PR Mining/Gas (MSHA Approved)	0 - 5.0% Vol. 5 - 100% Vol. ^{2/3}	±1% of LEL	0.1% Vol. 1.0% Vol.	6813080				X	X				X	X	3-Yr	3 Months	6 Months	2.5% Vol CH4	2.5% Vol CH4	"ch ₄ L" mode in X-am 8000 for 50 to 50,000 ppm range for Method 21 type testing
CarEx 125 SR (Shock Resistant)	0 - 100% LEL 0 - 5.0% Vol. 0 - 100% Vol. ⁴	± 1 % LEL at 50 % LEL	1% LEL 0.05% Vol 0.1% Vol	6851900				X			X				3-Yr	3 Months	6 Months	2.5% Vol CH4	2.5% Vol CH4	
IR DrägerSensor®																				
Dual IR-Ex/CO ₂ HC	0 - 100%LEL 0 - 100% Vol. 0 - 100% Vol. CO ₂	±1.5% LEL methane at 50% LEL ±0.5 Vol.-% CO2 at 50 Vol.-%	1% LEL 0.1% Vol. 0.1% Vol.	6800276										X	5-Yr	6 Months	12 Months	50% LEL CH4 50% Vol CH4 50% Vol CO2	50% LEL CH4 50% Vol CH4 50% Vol CO2	X-am 8000 Only - Must be installed in HPP 1 - No PID sensor can be installed at the same time.
Dual IR-Ex/CO ₂ ES (replaces 6811960)	0 - 100%LEL 0 - 100% Vol. 0 - 5.00% Vol. CO ₂	±1.5% LEL methane at 50% LEL ±0.08 Vol.-% CO2 at 2.5 Vol.-%	1% LEL 0.1% Vol. 0.02% Vol.	6851880							X			X	5-Yr	6 Months	12 Months	50% LEL CH4 50% Vol CH4 2.5% Vol CO2	50% LEL CH4 50% Vol CH4 2.5% Vol CO2	N2 required for CO2 zero calibration 0 - 9,900 ppm in X-am 5600 0 - 50,000 ppm range in X-am 8000
IR-Ex ES (replaces 6812180)	0 - 100% LEL 0 - 100% Vol.	±1.5% LEL methane at 50% LEL	1% LEL 0.1% Vol.	6851881							X			X	5-Yr	6 Months	12 Months	50% LEL CH4	50% LEL CH4	Can be configured for 2 ranges/gases via CC-Vision
IR-CO ₂ ES (replaces 6812190)	0 - 9,900 ppm 0 - 5.00% Vol.	±0.08 Vol.-% CO2 at 2.5 Vol.-%	50 ppm 0.02% Vol.	6851882							X			X	5-Yr	6 Months	12 Months	2.5% Vol CO2	2.5% Vol CO2	N2 required for CO2 zero calibration 0 - 50,000 ppm range in X-am 8000
PID DrägerSensor®																				
PID HC	0.3 - 2000 ppm	at 100 ppm isobutylene: ± 2% of measured value at zero point: ± 0.3 ppm isobutylene	0-20 ppm - 100 ppb >20 ppm - 200 ppb >50 ppm - 500 ppb >100 ppm - 1 ppm >200 ppm - 2 ppm >500 ppm - 5 ppm >1000 - 10 ppm	6813475										X	1-Yr	1 Month	12 Months	100 ppm isobutylene	100 ppm isobutylene	Use with benzene scrubber tube for benzene specific readings up to 100 ppm (01/2021).
PID LC	0-10 ppm isobutylene 0.025-5 ppm benzene	at 5 ppm isobutylene: ± 2% of measured value at zero point: ± 0.05 ppm isobutylene	0-2 ppm - 10 ppb >2 ppm - 20 ppb >5 ppm - 50 ppb	6813500										X	1-Yr	Each use	N/A	5 ppm isobutylene	5 ppm isobutylene	Requires zero air or N2 for zero calibration. 30 minute warm up time, if not stored on charger. Use with benzene scrubber tube for benzene specific readings up to 100 ppm (01/2021).

* Comments - FKM tubing is recommended for all sensors with the exception of chlorine, nitrogen dioxide and ammonia. For chlorine use the Teflon-lined Tygon tubing and for nitrogen dioxide and ammonia use the Tygon tubing.

1 - From December 1st, 2018, 5 year warranty when sold as installed in an X-am multi-gas monitor. 3 year for replacement sensors.

2- 0-100%Vol range in X-am 5000 only when selected

3- Full Range mode in X-am 8000

4- Full Range mode in X-am 5800