

DRÄGER · GAS SENSORS · CATALYTIC

Catalytic Ex Sensors

Product code: 6812950 · Series: DrägerSensor CatEx



Dräger catalytic Ex sensors monitor explosive mixtures in X-am series portable gas detectors. They measure from the lower explosive limit (LEL); for methane, measurement up to 100 vol.% is possible. An improved pellistor design makes them highly resistant to silicone and H₂S poisoning, giving long-term stability and low operating costs. The CatEx SR (Shock Resistant) keeps its signal after falls from great heights and allows a fresh-air calibration within 60 seconds of switch-on. The CatEx H₂ 100 is optimised for hydrogen applications and measures from a few ppm or %LEL up to 100 vol.%.

- 01 Monitoring of explosive mixtures: from LEL up to 100 vol.% (methane)
- 02 Highly resistant to silicone and H₂S poisoning; long-term stability
- 03 CatEx SR: shock resistant, fresh-air calibration within 60 seconds of switch-on
- 04 CatEx H₂ 100: optimised for hydrogen; from ppm/%LEL to 100 vol.%
- 05 Compatible with the X-am series; metrological performance certificate for methane to nonane detection

Technical data

BRAND	Dräger
MODEL	Catalytic Ex Sensors
GASES	Ex / LEL · H ₂
COMPATIBLE DEVICES	X-am 2500 · X-am 3500 · X-am 5000 · X-am 5800 · X-am 8000

Variants

CODE	FEATURE
6812950	—
6813080	—
3729050	optimised for hydrogen
6851900	SR = Shock Resistant