

DRÄGER · GAS SENSORS · PID

PID Sensors

Product code: 6813475 · Series: DrägerSensor PID



Dräger PID sensors measure volatile organic compounds (VOCs) in low concentrations in the ppm and ppb range and are compatible with the X-am 7000 and X-am 8000 gas detectors. A PID (photoionisation detector) is used to measure groups of hazardous substances and can even be set to measure individual substances. Applications include clearance measurements during shutdowns in the chemical and petrochemical industry, monitoring work in shafts and confined spaces, and leak detection. Selective benzene measurement is possible with the X-am 8000 and the benzene pre-tube, which filters out all hydrocarbons except benzene. The sensors are calibrated quickly and easily with isobutylene, a harmless gas; the sensitivity to the target substance is then set separately using response factors. Water-repellent membranes in Dräger PID instruments protect the sensor in industrial use, and response times are short.

- 01 VOC measurement in low concentrations; ppm and ppb range
- 02 Compatible with X-am 7000 and X-am 8000
- 03 Selective benzene measurement with X-am 8000 and benzene pre-tube
- 04 Calibration with isobutylene; substance-specific setting via response factors
- 05 Protected by water-repellent membranes; short response times

Technical data

BRAND	Dräger
MODEL	PID Sensors
GASES	VOC · H ₂ S · NH ₃ · PH ₃
COMPATIBLE DEVICES	X-am 7000 · X-am 8000

Variants

CODE
6813475
6800417
6813500