

For details, see instructions for use/data sheets for the respective sensor.

The instructions for use, technical manual and data sheets for the utilized sensors can be downloaded from:
www.draeger.com/ifu and the PC software CC-Vision from: www.draeger.com/software

	XXS O ₂ 6810881	XXS CO-LC 6813210	XXS H ₂ S-LC 6811525
	Pac 6500 8326332	Pac 6500 8326331	Pac 6500 8326330
Measuring principle	Electrochemical	Electrochemical	Electrochemical
Time of response t _{0...90} ¹⁾	≤ 10 s	≤ 20 s	≤ 30 s
Time of response t _{0...50}	≤ 6 s	≤ 12 s	≤ 20 s
Time of recovery t _{0...10}	n/a	≤ 20 s	≤ 30 s
Time of recovery t _{0...50}	n/a	≤ 12 s	≤ 20 s
Indication range	0 to 25 vol %	0 to 2000 ppm	0 to 100 ppm
Measuring range (certified)	0 to 25 vol %	3 to 500 ppm	0.4 to 100 ppm
Capture range ²⁾	± 0.5 vol %	± 1 ppm	± 0.4 ppm
Drift of measured value/month	≤ ±1 %	≤ ±0.5 %	≤ ±0.5 %
Warm-up time	≤ 5 min	≤ 5 min	≤ 5 min
Linearity error	≤ 0.3 vol %	≤ ± 2 % of measured value	≤ ± 2 % of measured value
Standards		EN 45544-1	EN 45544-1
certified measuring function for deficiency and toxic gases	EN 50104	EN 45544-2	EN 45544-2
		EN 45544-3	EN 45544-3
Cross-sensitivities	Negatively affected by: C ₂ H ₆ , C ₂ H ₄ , C ₂ H ₂ , CO ₂ , H ₂ No O ₂ measurement in He	Additively affected by: C ₂ H ₂ , H ₂ , NO	Additively affected by: SO ₂ , NO ₂ , H ₂ Negatively affected by: Cl ₂

1) Response times can be quicker if calibration adapter or docking station is used.

2) This range of measured values is known as capture range where minor measured value fluctuations (e.g. signal noise, concentration fluctuations) does not result in a changing display. Measured values outside the capture range are displayed using their actual measured values. By using Dräger CC-Vision the set capture range can be read out and activated/deactivated. The capture range is continuously activated in measuring mode and is disabled in calibration mode.

Environmental conditions (operation and storage) of DrägerSensors XXS:

Temperature: -30 °C to +55 °C (short time -40 °C)

Pressure: 700 hPa to 1300 hPa

Humidity: 10 % RH to 90 % RH, non-condensing

Environmental conditions (operation and storage) of Pac 6500: -30 °C to +55 °C (operation -10 °C to +40 °C is covered by EN 45544).

If H₂S sensor is used for general gas detection in scope of standard EN 45544-3 (for safety warning, leakage detections) during longer term exposure (more than 10 minutes) the deviation can be higher as the limits specified in the standard.



EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / Document No. SE23949-02

Wir / we Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Gasmessgerät Typ MOG 00 (Pac 6*00 / 8*00)**
Gas Detection Instrument type MOG 00 (Pac 6*00 / 8*00)**

mit der EU-Baumusterprüfungsberechtigung / Expertise
is in conformity with the EU-Type Examination Certificate /
Expertise

Kiwa Nederland B.V.
Wilmersdorf 50
7300 AC Apeldoorn
Netherlands
0620

ausgestellt von der notifizierten
Stelle mit der Kenn-Nr.
issued by the Notified Body
with Identification No.

Kiwa Nederland B.V.
Wilmersdorf 50
7300 AC Apeldoorn
Netherlands
0620

DNV GL SE
Brooktorlkai 18
D-20457 Hamburg
0098

und mit den folgenden Richtlinien unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives by application of the listed standards

Bestimmungen der Richtlinie provisions of directive	Nummer sowie Ausgabedatum der Norm Number and date of issue of standard
2014/34/EU	ATEX-Richtlinie ATEX Directive
2014/90/EU ¹⁾	Schiffsausrüstungs-Richtlinie Marine Equipment Directive
2014/30/EU	EMV-Richtlinie EMC Directive
2011/65/EU	RoHS-Richtlinie RoHS Directive

¹⁾ gilt nur für Pac 6500 mit O₂-Sensor / only applicable to Pac 6500 with O₂-Sensor.

Überwachung der Qualitäts-sicherung Produktion durch
Surveillance of Quality Assurance
Production by

DEKRA Testing and
Certification GmbH
Handwerkstr.16
D-70565 Stuttgart
0158

DNV GL SE
Brooktorlkai 18
D-20457 Hamburg
0098

Zertifikat-Nr.:
Certificat No.:

MEDD00000TF

Lübeck, 2019-10-24

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)


Dr. Marcus Romba
Head of Electronic Engineering
Head of Product Qualification
Safety Products
Connect & Develop

Muss aktualisiert werden

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Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
www.draeger.com

Tel +49 451 882 0
Fax +49 451 882 20 80