

# Dräger X-am® 5800



Bluetooth® ist eine eingetragene Marke von Bluetooth® SIG, Inc.

# Technical Data

|                        |   |
|------------------------|---|
| Dimensions (H x W x D) | 130 x 48 x 44 mm (5,12 x 1,89 x 1,73")                |
| Weight                 | typically 220 to 250 g, depending on sensor equipment |
| Housing                | robust 2-component housing                            |
| Display                | Matrix display with high resolution                   |

## Ambient conditions

|                   |   |
|-------------------|---|
| Temperature       | -20 to +50°C (Measurement and storage)<br>-20 to +50°C (Use in potentially explosive atmospheres, with PID sensor)<br>-40 to +50°C (Use in potentially explosive atmospheres) |
| Pressure          | 700 to 1,300 mbar (Measurement)<br>800 to 1,100 mbar (Use in potentially explosive atmospheres)   |
| Relative humidity | 10 to 95 % r.h.<br>5 to 95 % r.h. short term  |
| Protection class  | IP 68   |

## Alarms

|           |  |
|-----------|--|
| Visual    | 3 LED 'red' (gas alarms)<br>3 LED 'yellow' (device alarms) |
| Pressure  | Multi-tone > 90 dB at 30 cm                                |
| Vibration |  |

## More technical specifications

|                       |   |
|-----------------------|---|
| Energy supply         | NiMH battery, rechargeable, replaceable by user   |
| Bluetooth®            | Bluetooth 5.0 (disabled for some countries outside the EU and outside North America, but can be retrofitted. Contact DrägerService.)  |
| Operating times       | CatEx: typically 12 h (Bluetooth® active),<br>PID: typically 24 h (Bluetooth® active),<br>Infrared sensor: typically 100 h<br>Operating with electrochemical sensors only: typical 100 h                          |
| Charging time         | < 4 h   |
| Ready for Measurement | < 60 s after switch-on (CatEx and electrochemical sensors)  |
| Data logger           | Application of an optimised data compression method with high accuracy and large storage capacity.<br>(Typically data compression >90 % compared to the traditional data logger concept with adjustable interval) |