

DRÄGER · FIXED GAS DETECTION · WIRELESS SYSTEM

Polytron 6100 EC WL

Series: Polytron



Dräger Polytron 6100 EC WL is a wireless gas transmitter that monitors toxic gases and oxygen with an electrochemical sensor. It sends readings via ISA100 Wireless or WirelessHART and can be accessed over Bluetooth. Powered by a lithium-thionyl chloride battery, it offers optional SIL 2. The stainless steel housing is rated IP66/67 for operation from -40 °C to 65 °C.

- 01 Electrochemical sensing of H₂S, NH₃, H₂, CO, O₂ and more
- 02 ISA100 Wireless or WirelessHART transmission, Bluetooth access
- 03 Lithium-thionyl chloride battery power, no signal or power cabling
- 04 Stainless steel housing, IP66/67
- 05 ATEX and IECEx; UL and CSA optional

Technical data

BRAND	Dräger
MODEL	Polytron 6100 EC WL
GASES	H ₂ S · NH ₃ · H ₂ · CO · O ₂ · Other
SENSOR TECHNOLOGIES	Electrochemical
OUTPUTS	Wireless · HART · Bluetooth
DISPLAY	no
SIL LEVEL	SIL 2
IP RATING	IP66/67
OPERATING TEMPERATURE	-40–65 °C
POWER SUPPLY	Lithium-Thionyl Chloride Battery
HOUSING	Stainless steel
OTHER APPROVALS	ATEX, IECEx, UL (optional), CSA (optional), CE marking
DIMENSIONS	32x15x17 cm (H × W × D)

WEIGHT	7.05 lb (3.2 kg)
COMPATIBLE ITEMS	DrägerSensor H2S · DrägerSensor H2S HC · DrägerSensor NH3 TH · DrägerSensor NH3 HC · DrägerSensor NH3 LC · DrägerSensor NH3 TL · DrägerSensor H2 · DrägerSensor MEC H2 HC · DrägerSensor CO · DrägerSensor CO LH · DrägerSensor CO LS · DrägerSensor O2 LS · DrägerSensor H2O2 HC · DrägerSensor H2O2 LC · DrägerSensor OV 1

Standards

STANDARD	PERFORMANCE
IEC 61508-1-3	SIL 2

Certificates

ATEX	ATEX
IECEX	IECEX
OTHER	UL (optional)
OTHER	CSA (optional)
OTHER	CE marking