DRÄGER · FIXED GAS DETECTION · GAS TRANSMITTER

Polytron 3000

Series: Polytron



Dräger Polytron 3000 is a gas transmitter that monitors toxic gases and oxygen in ambient air with an electrochemical DrägerSensor. It reports to the control system via 4–20 mA. It offers SIL 1, a 2-wire 12–30 V DC supply, a GFRP housing with display and IP66 protection, operating from -40 °C to 65 °C. ATEX, IECEx, UL and CSA approved.

01 Electrochemical DrägerSensor for H2S, NH3, H2, CO, O2, Cl2 and more

02 4–20 mA signal output, 2-wire 12–30 V DC supply

03 SIL 1 (IEC 61508-2)

04 GFRP housing with display, IP66

05 ATEX, IECEx, UL, CSA and CE marking

Technical data

BRAND	Dräger
MODEL	Polytron 3000
GASES	H2S · NH3 · H2 · CO · O2 · Cl2 · Other
SENSOR TECHNOLOGIES	Electrochemical
OUTPUTS	4–20 mA
DISPLAY	yes
SIL LEVEL	SIL 1
IP RATING	IP66
OPERATING TEMPERATURE	-40–65 °C
POWER SUPPLY	12 to 30 V DC, 2-wire
HOUSING	Glass fibre reinforced polyester (GFRP)
OTHER APPROVALS	ATEX, IECEx, UL, CSA, CE marking
DIMENSIONS	16.6x13.5x12.9 cm (H × W × D)

WEIGHT	1.98 lb (900 g)
COMPATIBLE ITEMS	DrägerSensor H2S · DrägerSensor NH3 HC · DrägerSensor NH3 LC · DrägerSensor H2 · DrägerSensor CO · DrägerSensor CO LS · DrägerSensor O2 LS · DrägerSensor Acidic Compounds AC · DrägerSensor Cl2

Standards

STANDARD	PERFORMANCE
IEC 61508-2	SIL 1

Certificates

ATEX	ATEX
IECEX	IECEx
OTHER	UL
OTHER	CSA
OTHER	CE marking