

DRÄGER · FIXED GAS DETECTION · GAS TRANSMITTER

Polytron 7000

Series: Polytron



Dräger Polytron 7000 is a gas transmitter that measures toxic gases and oxygen with electrochemical DrägerSensors. It offers 4–20 mA, HART and fieldbus interfaces plus an optional relay module. Its GFRP housing with a large graphic display is rated IP66/67. SIL 2, 2-wire 16.5–30 V DC supply, -40 °C to 65 °C; ATEX, IECEx, UL and CSA approved.

- 01 Electrochemical DrägerSensor for H2S, NH3, H2, CO, O2 and more
- 02 4–20 mA, HART and fieldbus outputs; relay module option
- 03 SIL 2 (IEC 61508-2)
- 04 Large graphic display, GFRP housing, IP66/67
- 05 ATEX, IECEx, UL, CSA and CE marking

Technical data

BRAND	Dräger
MODEL	Polytron 7000
GASES	H2S · NH3 · H2 · CO · O2 · Other
SENSOR TECHNOLOGIES	Electrochemical
OUTPUTS	4–20 mA · HART · Fieldbus · Relay
DISPLAY	big graphic display
SIL LEVEL	SIL 2
IP RATING	IP66/67
OPERATING TEMPERATURE	-40–65 °C
POWER SUPPLY	16.5 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 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 61508-2	SIL 2

Certificates

ATEX	ATEX
IECEX	IECEX
OTHER	UL
OTHER	CSA
OTHER	CE marking