

Troxex TX6373

Intrinsically Safe Toxic Gas Detector Specification

CORE DESCRIPTION

The Trolex TX6373 is an intrinsically safe toxic gas detector designed for continuous environmental monitoring in hazardous industrial and underground mining applications. It uses electrochemical sensing technology to accurately detect low-level concentrations of toxic gases or oxygen depletion. Before installation, verify the specific gas type sensor option, power supply requirement, output signal type (such as 0.4-2V, 4-20mA, or RS485), and ATEX/IECEX intrinsic safety parameters.

TECHNICAL SPECIFICATIONS

Parameter Name	Specification Value	Unit
Sensing technology	Electrochemical sensing element	—
Target gases	Toxic gases (e.g. CO, NO2, SO2, H2S) or Oxygen (O2)	—
Protection type	Intrinsically Safe (Ex ia)	—
Output signal	0.4-2 V / 4-20 mA / RS485	—
Supply voltage	7.5 to 16.5	VDC
Operating temperature range	-20 to 50	°C
Ingress protection	IP65	—
Housing material	High-impact molded polymer	—
Hazardous area rating	ATEX / IECEx certified	—