

Polytron 5310 IR

Series: Polytron 5000



Dräger Polytron 5310 IR is a gas transmitter that monitors flammable gases in the lower explosion limit (LEL) range with an infrared DrägerSensor IR. It provides a 3-wire 4–20 mA analogue output, with relays on request. SIL 2, IP65/66/67 protection and operation from -40 °C to 65 °C; ATEX, IECEx, UL, CSA, GOST (EAC) and performance approved.

- 01 Infrared DrägerSensor IR for flammable gases in the LEL range, including methane
- 02 3-wire 4–20 mA analogue output; relays on request
- 03 SIL 2 (IEC 61508-2)
- 04 Epoxy-coated aluminium or SS 316L stainless steel housing, IP65/66/67
- 05 ATEX, IECEx, UL, CSA, GOST (EAC) and performance approval

Technical data

BRAND	Dräger
MODEL	Polytron 5310 IR
GASES	Ex / LEL · CH ₄
SENSOR TECHNOLOGIES	Infrared
OUTPUTS	4–20 mA · Relay
DISPLAY	backlit display
SIL LEVEL	SIL 2
IP RATING	IP65/66/67
OPERATING TEMPERATURE	-40–65 °C
POWER SUPPLY	10 to 30 VDC, 3-wire
HOUSING	Epoxy coated copper-free aluminum or stainless steel SS 316L
OTHER APPROVALS	ATEX, IECEx, UL, CSA, CE marking, GOST (EAC), Performance approval
DIMENSIONS	29.5x15x13 cm (H × W × D)

WEIGHT	8.82 lb (4 kg)
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COMPATIBLE ITEMS	DrägerSensor IR
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Standards

STANDARD	PERFORMANCE
IEC 61508-2	SIL 2

Certificates

ATEX	ATEX
IECEX	IECEX
OTHER	UL
OTHER	CSA
OTHER	CE marking
OTHER	GOST (EAC)
OTHER	Performance approval