

Stattox 501 Infratox for Ethylene



Ethylene detection in industrial plants: Measuring range 0 – 100 % L.E.L

Technical Data

Detectable gases	Ethylene
Measuring range	0 – 100% L.E.L.
Measuring principle	Infrared absorption, NDIR 2-channel
Detection limit	3% L.E.L. Ethylene
Response time	$t_{50} < 12$ s, $t_{90} < 30$ s
Accuracy (Full Scale)	$\pm 2\%$ L.E.L. at room temperature
Warm up time	20 s, full specifications after 30 min
Operating temperature	-20°C to +60°C (-4°F to +140°F)
Storage temperature	-20°C to +60°C (-4°F to +140°F)
Humidity	0 – 95% r. H. non condensing
Pressure	800 – 1100 hPa
Power supply	18 – 29 V DC / 1 W
Connection	4 Wire
Output	4 – 20 mA, electrically isolated, max. load 220 Ω in the service mode 2 or 4 mA programmable, system fail 0 mA
Display	LED three digits
Dimensions	Height: 150 mm (5,9 in.) Width: 120 mm (4,7 in.) Depth: 120 mm (4,7 in.)
Weight	app. 3,1 kg (6,8 pounds)
Material	stainless steel fibre reinforced polyamide
Protection class	IP 67 (NEMA 4 and 6)
Ex-Approval ATEX Standard	II 2 G EEx de IIC T5
Approval #	BVS 04 ATEX E 006 X
EMV	According to EN 50270

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