ST150xi O2 Gas Detector (0-25 Vol.%, Aluminium)

Product reference	
Part No.	1221000/25
Manufacturer	Consilium Safety Netherlands B.V.
Model	ST150xi



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Product overview

Consilium ST150xi electrochemical fixed gas detector for O2, 0-25 Vol.%. This is the international aluminium ordering option; refer to the original operating and connection instructions. The manufacturer image is a shared ST150xi family illustration; identify the ordered variant by its full article number.

Technical specifications

Brand	Consilium	Status LED display	Green: OK, Red: Alarm, Yellow: SF (System Failure), Blue: User menu active
Manufacturer	Consilium Safety Netherlands B.V.	Power supply	24-28 VDC (max. 3.6 watt)
Model	ST150xi	Outputs	Analogue: 4-20 mA (<2.4 mA system failure, >20 mA overrange)
Manufacturer article number	1221000/25	Signal cable	2-wire mesh shielded, 0.75 … 2.5 mm2 (excluding earth connection and Modbus)
Market	International	Cable gland	Standard Brass, optional SS (thread M20 x 1.5)
Housing	Aluminium (international option)	Load impedance	max. 165Ω at 24 VDC
Type	ST150xi-O2	Manufacturer general note — Operating temperature	See table “Order information”
Gas	O2	Manufacturer general note — Relative humidity	See table “Order information”
Range	0-25 Vol.%	Pressure range	Toxic: Atmospheric ± 10%, Oxygen: 80 to 120 kPa
Operating temperature	-30 to +55 °C	Enclosure	Aluminum with coating, optional SS
Relative humidity	5-95%	Dimensions	173 x 189 x 110 mm (HxWxD)
Gas type	Oxygen and Toxic gases	Weight	2.0 kg (Alu), 3.35 kg (SS)
Sensor type	Electrochemical sensor	Ingress Protection	IP 66 (excl sensor)
Manufacturer general note — Range	See table “Order information” for ranges	Enclosure gas sensor	SS 316
Display	Digital graphic display with backlight	CE marking (International models)	Electromagnetic Compatibility (Directive 2014/30/EU)