ST150xi CO Gas Detector (0-250 ppm, Aluminium)

Product reference	
Part No.	1221004/250
Manufacturer	Consilium Safety Netherlands B.V.
Model	ST150xi



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Product overview

Consilium ST150xi electrochemical fixed gas detector for CO, 0-250 ppm. 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	Power supply	24-28 VDC (max. 3.6 watt)
Manufacturer	Consilium Safety Netherlands B.V.	Outputs	Analogue: 4-20 mA (<2.4 mA system failure, >20 mA overrange)
Model	ST150xi	Signal cable	2-wire mesh shielded, 0.75 … 2.5 mm2 (excluding earth connection and Modbus)
Manufacturer article number	1221004/250	Cable gland	Standard Brass, optional SS (thread M20 x 1.5)
Market	International	Load impedance	max. 165Ω at 24 VDC
Housing	Aluminium (international option)	Manufacturer general note — Operating temperature	See table “Order information”
Type	ST150xi-CO	Manufacturer general note — Relative humidity	See table “Order information”
Gas	CO	Pressure range	Toxic: Atmospheric ± 10%, Oxygen: 80 to 120 kPa
Range	0-250 ppm	Enclosure	Aluminum with coating, optional SS
Operating temperature	-30 to +50 °C	Dimensions	173 x 189 x 110 mm (HxWxD)
Relative humidity	15-90%	Weight	2.0 kg (Alu), 3.35 kg (SS)
Gas type	Oxygen and Toxic gases	Ingress Protection	IP 66 (excl sensor)
Sensor type	Electrochemical sensor	Enclosure gas sensor	SS 316
Manufacturer general note — Range	See table “Order information” for ranges	CE marking (International models)	Electromagnetic Compatibility (Directive 2014/30/EU)
Display	Digital graphic display with backlight	CO sensor limitation	The standard CO sensor is cross sensitive to H2. The LHS (Low Hydrogen Sensitivity) version offers improved selectivity relative to H2.
Status LED display	Green: OK, Red: Alarm, Yellow: SF (System Failure), Blue: User menu active		