ST150xi NH3 0-100 ppm (LL order code)

Product reference	
Part No.	1221006/100/LL
Manufacturer	Consilium Safety Netherlands B.V.
Model	ST150xi



Product overview

Consilium ST150xi stationary electrochemical gas detector for NH3, 0-100 ppm, ordered as 1221006/100/LL. The manufacturer image is a shared ST150xi family illustration and is not an exact gas-variant photograph. Family illustration shows an H2S display. The actual ordered gas, measuring range and suffix are identified by article 1221006/100/LL.

Technical specifications

Manufacturer article number	1221006/100/LL	Cable gland	Standard Brass, optional SS (thread M20 x 1.5)
Type	ST150xi-NH3 (LL)	Load impedance	max. 165Ω at 24 VDC
Gas	NH3	Enclosure	Aluminum with coating, optional SS
Measuring range	0-100 ppm	Dimensions	173 x 189 x 110 mm (HxWxD)
Operating temperature	-20 to +40 °C	Weight	2.0 kg (Alu), 3.35 kg (SS)
Relative humidity	15-95%	Ingress Protection	IP 66 (excl sensor)
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)	NH3 sensor note	The standard NH3 sensor is not suited for applications where continuous (low) concentrations of NH3 are present. The LL version (Long Life) is more resistant against above-average exposure to NH3 and offers an extended life-time.
Signal cable	2-wire mesh shielded, 0.75 … 2.5 mm2 (excluding earth connection and Modbus)		