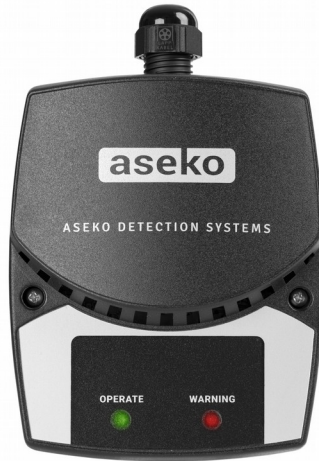


GTE Cl₂ (0 - 10 ppm IDLH)

Concentration transmitter of chlorine with linear output 4-20mA active current loop. Transmitter is connected by three wires. The measuring element is an electrochemical sensor with range 0 – 10 ppm.. Transmitter is maintenance-free, due to the excellent stability of the sensor only once a year calibration is needed . Sensor is in the durable plastic cover. Sensor is mounted on the wall in the breathing high.

GTE Cl₂ sensors are designed for detection of chlorine in the environment where this substance occurs only rarely. When used in environments with permanent occurrence lifespan decreases with increasing concentration.

GTE Cl₂ (0 - 10 ppm)



Measurement parameters

Sensor	Electrochemical
Measuring range	0 - 10 ppm
Accuracy	5 % from range
Repeatability	2 % from range
Cross sensitivity	ClO ₂ , Br ₂ , F ₂
Rise time	5 minutes
t90	30 seconds
Lifespan	2 years

Technical description

Power supply	15 - 24 Vdc
Power demand	< 3 VA
Output	4-20 mA
Load resistor	< 500 Ω
Num. of connect. wires	3
Section of connect. wires	1 mm ²
Length of wires	max. 300 m
Wires	JYTY 3x1
Dimensions (h x w x d)	120 x 95 x 50 mm
Case material	ABS plastic
Protection	IP 20
Climatic resistance	0 to +40 °C
Pressure	atm ±10%

