

Technical specifications: CI21



Measuring principle	Charge Carrier Injection (CI)
Measuring gas supply	Diffusion
Measuring range and measuring gas	Ammonia (NH ₃) 200 ppm, 1.000 ppm or 10.000 ppm (other measuring ranges on request)
Response time	< 8s
Power supply	Operating voltage: 10-32 V DC
Climatic conditions	Operating temperature: -30 to +55°C Humidity: 0 to 99 % r. h. non condensing Air pressure: 90 to 110 kPa
Signal output	4-20 mA (200Ω) or 0,2-1 mA (4kΩ)
Connection Cable	PG 11, for cable size 3 x 1.5 mm ² 3 core shielded cable e.g. LiYCY 3 x 1.5 mm ²
Housing	Protection class: IP54 Material: Aluminium Dimensions: 100 x 100 x 57 mm (W x H x D) Weight: 370 g
Expected average sensor lifetime	> 2 Jahre