

Technical specifications: CI21



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| 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 |