

Gas concentrations in the air

Gas probe for various gases FYA600A



- Range:
Measurement of gas concentration in air
- multiple ranges / Modelvariants

! Operation with the device in SLEEP mode is not possible!

Technical Data

Gas:	see model variants	Output:	4 ... 20 mA on ALMEMO® connector
Measuring principle:	electrochemical reaction	Supply voltage:	from the ALMEMO® measuring instrument
Measuring range:	see model variants	Ambient temperature:	-10 to +40°C, sensor temperature compensated in range
Error of meas. value:	±3% of full scale value	Air humidity:	0 to 90% non-condensing
Zero point drift:	< 2% (1 year)	Life span of the meas. cell:	approx. 2 years typical
Reproducibility:	< 2% (1 year)	Dimensions of meas. head:	Ø 80mm, height 80mm
Linearity:	< 2% of full scale value	Weight:	600g
Settling time t_{90} :	< 60s	Connecting cable:	1.5m, with ALMEMO® connector
Transverse sensitivity:	< 2% by integrated filter		

Model variants (including factory test certificate)

Order no.

Gas probe, including connecting cable, 1.5 meters, for measuring gas in air

Ammonia NH_3

Range: 0 ... 250 ppm

FYA600ANH3

Nitrogen dioxide NO_2

Range: 0 ... 30 ppm

FYA600ANO2

Nitrogen oxide NO

Range: 0 ... 50 ppm

FYA600ANO

Chlorine gas Cl_2

Range: 0 ... 50 ppm

FYA600ACL2

Sulfur dioxide SO_2

Range: 0 ... 20 ppm

FYA600ASO2B1

Range: 0 ... 50 ppm

FYA600ASO2B2

Range: 0 ... 250 ppm

FYA600ASO2B3

Hydrogen sulfide H_2S

Range: 0 ... 50 ppm

FYA600AH2SB2

Range: 0 ... 250 ppm

FYA600AH2SB3

Ethylene oxide $\text{C}_2\text{H}_4\text{O}$

Range: 0 ... 20 ppm

FYA600AC2H4OB1

Range: 0 ... 50 ppm

FYA600AC2H4OB2

Range: 0 ... 100 ppm

FYA600AC2H4OB4