

GAS CONCENTRATION IN AIR

new!

Gas probe for various gases FYA 600 A



- ▶ Applications:
 - For measuring and warning systems
 - For monitoring room air quality, e.g. maximum admissible concentrations of toxic gases in the workplace

 Operation with the device in SLEEP mode is not possible!

Technical Data:

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

Model variants (including factory test certificate)

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

Ammonia NH₃

Range 0 to 250 ppm

Order no. FYA600ANH3

Nitrogen dioxide NO₂

Range 0 to 30 ppm

Order no. FYA600ANO2

Nitrogen oxide NO

Range 0 to 50 ppm

Order no. FYA600ANO

Chlorine gas Cl₂

Range 0 to 50 ppm

Order no. FYA600ACL2

Sulfur dioxide SO₂

Range 0 to 20 ppm

Order no. FYA600ASO2B1

Range 0 to 50 ppm

Order no. FYA600ASO2B2

Range 0 to 250 ppm

Order no. FYA600ASO2B3

Hydrogen sulfide H₂S

Range 0 to 50 ppm

Order no. FYA600AH2SB2

Range 0 to 250 ppm

Order no. FYA600AH2SB3

Ethylene oxide C₂H₄O

Range 0 to 20 ppm

Order no. FYA600AC2H4OB1

Range 0 to 50 ppm

Order no. FYA600AC2H4OB2

Range 0 to 100 ppm

Order no. FYA600AC2H4OB4

01/2011 We reserve the right to make technical changes.