

## Gas probe for various gases ADOS 592 TOX



- 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	Operating conditions:	-10 to +40°C, Sensor in range temperature compensated > 15 to 90 % r.H. non-condensing
Measuring principle:	electrochemical reaction	Life span of the meas. cell:	approx. 2 years typical
Measuring range:	see model variants	Output:	4 ... 20 mA on ALMEMO® connector
Error of meas. value:	±3% of full scale value	Supply voltage:	24V via ALMEMO® connector
Zero point drift:	< 2% (1 year)	Dimensions of meas. head:	Ø 80mm, height 80mm
Reproducibility:	< 2% (1 year)	Weight:	600g
Linearity:	< 2% of full scale value	Connecting cable:	1.5m, with ALMEMO® connector
Settling time $t_{90}$ :	< 60s		
Transverse sensitivity:	< 2% by integrated filter		
Nominal conditions:	20 °C, 50 % r.H., 1013 mbar		

### Model variants (including factory test certificate)

### Order no.

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

#### Ammonia NH<sub>3</sub>

Range: 0 ... 250 ppm

FYA600ANH3

#### Nitrogen dioxide NO<sub>2</sub>

Range: 0 ... 30 ppm

FYA600ANO2

#### Nitrogen oxide NO

Range: 0 ... 50 ppm

FYA600ANO

#### Chlorine gas Cl<sub>2</sub>

Range: 0 ... 50 ppm

FYA600ACL2

#### Sulfur dioxide SO<sub>2</sub>

Range: 0 ... 20 ppm

FYA600ASO2B1

Range: 0 ... 50 ppm

FYA600ASO2B2

Range: 0 ... 250 ppm

FYA600ASO2B3

#### Hydrogen sulfide H<sub>2</sub>S

Range: 0 ... 50 ppm

FYA600AH2SB2

Range: 0 ... 250 ppm

FYA600AH2SB3

#### Ethylene oxide C<sub>2</sub>H<sub>4</sub>O

Range: 0 ... 20 ppm

FYA600AC2H4OB1

Range: 0 ... 50 ppm

FYA600AC2H4OB2

Range: 0 ... 100 ppm

FYA600AC2H4OB4