

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_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 Range: 0 ... 50 ppm Range: 0 ... 250 ppm	FYA600ASO2B1 FYA600ASO2B2 FYA600ASO2B3
Hydrogen sulfide H_2S Range: 0 ... 50 ppm Range: 0 ... 250 ppm	FYA600AH2SB2 FYA600AH2SB3
Ethylene oxide $\text{C}_2\text{H}_4\text{O}$ Range: 0 ... 20 ppm Range: 0 ... 50 ppm Range: 0 ... 100 ppm	FYA600AC2H4OB1 FYA600AC2H4OB2 FYA600AC2H4OB4