

Gas Analyzer GA 320

With the gas analyzer 320, it is possible to measure up to 6 IR-active gases where very low detection limits and a challenging cross sensitivity compensation are highly required.



usage

The GA 320 may be integrated into almost any control system and meets all legal-, technical-, safety- and control-related requirements.

advantages

- directly measured value display
- measuring principle NDIR
- high long-term stabilities
- low calibration effort
- low costs for maintenance/service
- large display
- integrated computer
- table housing or slide
- low detection limits

fields of application

- chemistry
- recycling
- environment
- monitoring
- verification
- pharmaceutical industry

Made in Germany

We are your competent partner for gas measurement applications.

Our analyzers are developed and produced exclusively in Germany.

Contact

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Gas Analyzer GA320

technical data

model:	Gas Analyzer 320
measuring inputs:	internal: 1 (standard), expandable up to 6, external: without limitation
measuring technology:	NDIR one beam principle, cuvette heated up to 85°C / 185°F, automatic zero point correction, cross- sensitivity correction
number of measurable gases:	NDIR 1 - 6
error of measurement:	depending on gas type
detection limit:	depending on gas type
pressure sensitivity:	compensated, standard 0.7 to 1.1 bar / 10.15 to 15.95 psi (pressure of process gas)
gas flow:	ca. 4 l/min / 140.78 oz/min
internal gas lane:	PTFE and stainless steel; alternatively stainless steel exclusively
internal filter:	stainless steel sintered filter e. g. 70 µm
tube connectors:	clamp-screw connectors (standard)
gas processing:	miscellaneous possible: e.g. sample gas filter, condensate trap, gas cooler, gas dryer, humidity sensor
climatic conditions:	ambient temperature 5°C - 45°C / 41° - 113°F / relative humidity ~ 90 %, dew free
supply voltage:	~ 230 V / 50 Hz, 1.43 A / 330 VA
case:	19 '' slide-in, 400 mm / 15.75 inch depth, IP 20
display:	7'' (840 x 640 pixel) touch panel, Windows CE 5.0 R3
operation interface:	resistive touch
electrical inputs:	6 digital inputs 24 V AC/DC
electrical outputs:	1 digital output "ready" (relay) max. 48 V / 500 mA 1 digital output "fault" (relay) max. 48 V / 500 mA 4 digital outputs (relay) max. 48 V / 500 mA 4 analog outputs (gal. seperated) 4-20 mA, individual programmable
interfaces:	standard RS 232 optional: Profibus DP, Ethernet Modbus TCP, Ethernet IP, Profinet
operational availability:	heat-up max. 30 min. (at 20°C / 68°F)