

NO₂/NO Converter

Technical data

General parameters

Working temperature	400°C
Warm-up time	30 min

Gas input conditions

Ambient conditions

Sample gas pressure	up to 1.5 bar absolute
Sample gas flow	up to 120 l/h
Sample gas temperature	5 to 80 °C
Dew point	< 20°C
Permissible ambient temperature:	- operation +5 to +50°C - storage and transport -20 to +70 °C
Permissible ambient	< 80% relative humidity humidity for storage and transport

Electrical specifications

Electrical input/output

Power supply	115VAC or 230VAC 50/60 Hz, plug according to
Power input	approx. 650 W
Status:	changeover contact, max. 230VAC/DC, 1A
By-Pass	built in activating from an external by-pass

Dimensions

Frame	back-plane mounting
Weight	3 kg*
Protection class	IP 20 (EN60529)

Conversion properties

Conversion factor NO ₂ → NO	97% (new cartridge)
Lifetime cartridge	>12 months possible, depending on NO content (see diagram, under laboratory conditions)
Maximum load approx.	400ppm NO at 70l/h
Conversion temperature	400°C

