

NO_x converter C 100/C 200



- Converter to convert NO₂ to NO by means of catalyser cartridge
- Indirect nitrogen oxide measurement via NO analyser
- NO_x measurement possible as total of NO and NO₂
- Catalyser temperature adjustable via temperature controller
- Available with and without bypass
- Converter cartridge with long service life

Application For determining the total of NO and NO₂ in combustion processes.

Description The NO_x converter C 100 converts the NO₂ contained in the measured gas into NO (catalytic principle). This way, the total nitrogen oxides (NO and NO₂) can be determined using NO-selective NDIR analysers. For this purpose, the gas passes a catalyser cartridge. Version C 200 features a bypass that can be used for e.g. test purposes.

Technical specifications

Operating temperature range

Medium: 350 °C (standard catalyser)
 Ambient: 0/40°C
 Storage: -10/+50°C

Gas inlet conditions

Temperature: Max. 80 °C
 Pressure: Max. 2 bar

Gas throughput

Gas flow: 60 NI/h

Conversion rate NO₂ to NO

Effectiveness >96 % with new catalyser

Gas inlet/gas outlet

¼ NPT female thread

Supply voltage

AC 230 V, 50 Hz

Housing

19" rack housing 3 U
 W x H x D: 440 x 135 x 260 mm
 Weight: Approx. 6.0 kg
 Degree of protection: IP 20

PG: 4	Part no.	Price €
NO_x converter C 100	61825	
NO_x converter C 200 with bypass	61826	

Blue part no. = in-stock items