

Gas Converter

DATA SHEET

ZDL

SPECIFICATIONS

1. NO₂/NO converter

Type	ZDL03001	ZDL04001
Configuration	Indoor surface mounting	
Target gas	General exhaust gas from boilers, atmosphere (Contact us for the use of other gases.)	
Catalyst	Usage: 2cm ³ Replacement cycle: About 12 months (When O ₂ : 5%, NO ₂ :10ppm, and flow rate: 0.3L/min) Temperature setting: 210±10°C (Detector terminal: K thermocouple)	
Temperature controller	Built-in Microcontroller X (Type PXZ4)	
Material of the part contacting gas	Ceramic, Viton, glass filter paper, SUS316	
Conversion efficiency	90% or higher, Conforming to JIS	
Gas flow rate	0.5L/min or less.	
Ambient temperature	-5 to +45°C	
Power supply	100±10V AC, 50/60Hz	90 to 264V AC, 50/60Hz
Power consumption	About 85VA	
Mass	About 1.1kg	About 1.2kg
Gas conditions	Gas with dust and drain removed at temperature of 150°C or lower	
Overseas model	—	CE mark obtained

2. CO/CO₂ converter

Type	ZDL21001
Configuration	Indoor surface mounting
Target gas	Atmosphere (Contact us for the use of other gases.)
Catalyst	Usage: 3cm ³ Replacement cycle: About 6 months (Varies depending on use conditions.) Temperature setting: 210±20°C (Detector terminal: K thermocouple)
Temperature controller	Separately installed Microcontroller X (Type PXZ4)
Material of the part contacting gas	SUS316, Viton, glass wool
Conversion efficiency	99% or higher (100ppm CO or lower) (Standard: 99.9%)
Gas flow rate	Standard: 0.5L/min or 1L/min
Ambient temperature	-5 to +45°C
Power supply	100±10V AC, 50/60Hz
Power consumption	About 45VA
Mass	About 2kg
Gas conditions	Gas with dust and drain removed at temperature of 150°C or lower

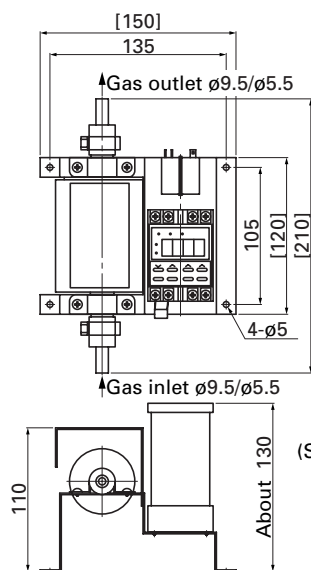
Standard accessories

Converter type	ZDL03,4	ZDL21
CO/CO ₂ catalyst (per dose)	—	1
Glass wool	—	1

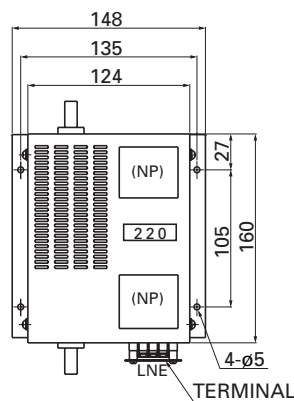
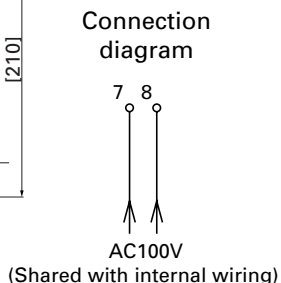
Spare parts for one year

Type of spare parts	ZBN1DL72	ZBN1DL82	ZBN1DL42
Type of converter	ZDL03	ZDL04	ZDL21
NO ₂ /NO catalyst	1	2	
CO/CO ₂ catalyst			2
Glass wool	1	2	2
Catalyst holder			1
Joint	2	4	

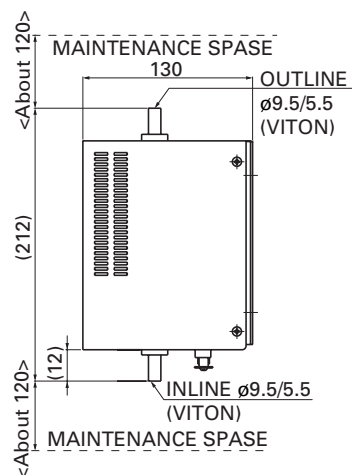
OUTLINE DIAGRAM (Unit : mm)



NO₂/NO converter
ZDL03001

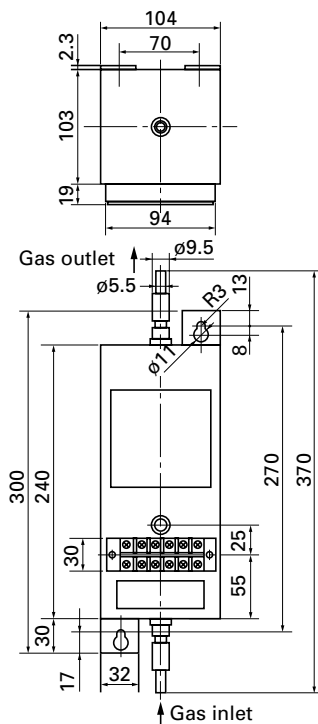


FRONT VIEW

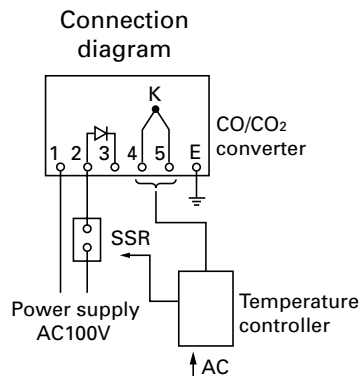


RIGHT SIDE VIEW

NO₂/NO converter
ZDL04001



CO/CO₂ converter
ZDL21001



⚠ Caution on Safety

*Before using this product, be sure to read its instruction manual in advance.

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