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CATALOG KỸ THUẬT · JOHNSON CONTROLS

Cảm biến CO2 CD7000

ống gió, gắn tường · NDIR 0–2000 ppm

CD7000 Johnson Controls – cảm biến CO2 NDIR tự hiệu chuẩn ABC, 0–2000 ppm, $\pm(50 \text{ ppm} + 5\%)$, ngõ ra 0–10 V/4–20 mA, bản ống gió IP65, gắn tường, tuổi thọ 10 năm.

Mã: CD7000 · Hãng: Johnson Controls · Hotline: 093 797 2339

dlk.com.vn/cd7000-johnson-controls-cam-bien-co2.html



www.dlk.com.vn

Air Quality Sensor

CD7000 Series CO₂ Transmitter

Introduction

Johnson Controls CD7000 series CO₂ transmitter is designed for office building, hospital, school and other application, which is a basic sensor product can detect the ambient CO₂ value. This product selects high precision sensing element and circuit to convert the measured value into analog signal output to compatible with Johnson Controls BAS system. By monitoring the CO₂ value of the environment, it can help improve the level of air quality and operation efficiency.



Features

- NDIR technology
- Good long-term stability
- Long Lifecycle
- Two installation modes available

Naming Rule

CD7000	D	0
CD7000	CO ₂ Transmitter	
	D	Type: D-Duct Type, W-Wall Mount
	0	Default Measurement range: 0-2000ppm

Selection Table

Part Number	Measurement range	Installation Mode	IP Protection
CD7000D0	0-2000ppm	Duct Type	IP65
CD7000W0	0-2000ppm	Wall Mount	IP30

Specification

Sensing element	NDIR sensor, with ABC self-calibration function
Sensing principle	Diffusion
Sensor Design lifecycle	10 years
CO ₂ range	0-2000 ppm
Accuracy	± (50ppm+5% of reading)
Output	0-10V/4-20mA
Warm-up time	<180s
Response time	T90<=30s
Power	24VAC/DC±10%
Working environment	-10~50℃ & 0-95%RH (no condensation)
Storage environment	-20~70℃ & 0-95%RH (no condensation)
IP protection	IP30 Wall/IP65 Duct
Housing	ABS+PC (UL94-V0)



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MST

0317566997

ĐỊA CHỈ THUẾ

G6/18H Đường Trần Văn Giàu, Xã Bình Lợi,
Thành phố Hồ Chí Minh, Việt Nam

VĂN PHÒNG

CS1: 111/7 Vườn Lài, Phú Thọ Hòa, Tân Phú,
TP.CHM

CS2: TT1-09 Foresa 4A, KĐT Xuân Phương,
TP. Hà Nội

HOTLINE

093 797 2339

EMAIL

info@dlk.com.vn

WEBSITE

www.dlk.com.vn