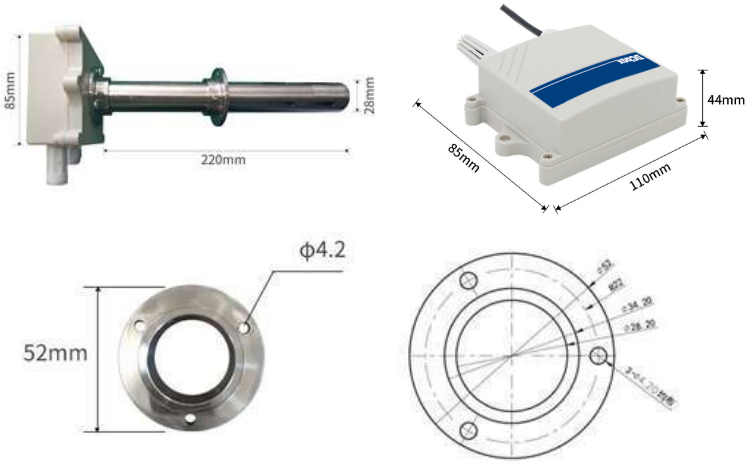
DCbox PIPELINE O2 TRANSMITTER DO2

- Measuring Range: 0-25% VOL (RS-485: 0-30% VOL).
- Measurement Accuracy: High accuracy, up to ±3% FS, with repeatability within 1%.
- Multiple Analog Output Options: 4-20mA, 0-5V, 0-10V, RS-485.
- Power Supply: 10-30V DC wide voltage input, suitable for various DC power sources on-site.
- Product Design: The product features a pipeline-style waterproof enclosure, easy to install, with a high protection level, making it suitable for harsh on-site environments.

SPECIFICATIONS

- ♦ Power Supply : 10~30V DC
- ♦ Output Signal : 4-20mA、0-5V、0-10V、RS-485
- ♦ Power Consumption : 0.25W (RS-485: 0.12W)
- ♦ Operating Temperature : -20~50℃
- ♦ Operating Humidity : 5~95%RH non-condensing
- ♦ Pressure Range : 90~110kPa
- ♦ Stability : ≦5% of signal value per year
- ♦ Response Time : ≦10s
- ♦ Warm-up Time : ≧5min
- ♦ Zero Drift (-20~40°C) : ±0.3%VOL
- ♦ Repeatability : ≦1%
- ♦ Service Life : ≧24 months
- ♦ Measuring Range : 0~25%VOL(RS-485:0-30%VOL)
- ♦ Accuracy : ±2%FS
- ♦ Resolution : 0.1%VOL

DIMENSIONS (mm)



ORDER INFORMATION

DO2- Code1 - Code2 - Code3

Code1	Output Signal	Code2	Type	Code3	RS-485
I20	4~20mA	2FL	Waterproof Pipeline	N	No
V05	0~5V			Y	Yes
V10	0~10V				

INSTALLATION INSTRUCTIONS

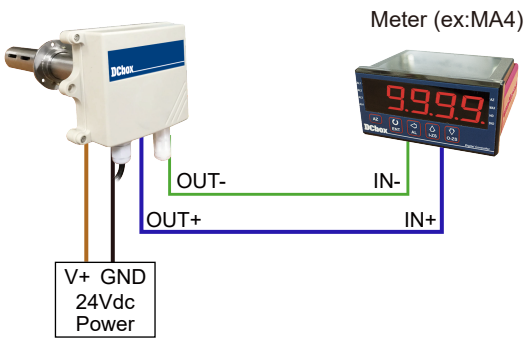
① Drill a hole with a diameter of 29mm on the exhaust duct

②Fix the flange onto the exhaust duct with screws

③ Insert the device into the flange and complete the installation

WIRING CONNECTION

● 4 Wire type



Input: 10~30Vdc

Power	Brown: Power+ Black: Power-
Signal	Blue: O2 signal+ Green: O2 signal-

RS-485

Power	Brown: Power+ Black: Power-
Commu-nication	Yellow: 485-A Blue: 485-B

***When connecting RS-485 signal lines, make sure A and B lines are not reversed. Device addresses on the same bus must not conflict.