

Polytron A500

Series: Polytron



Dräger Polytron A500 is an electrochemical transmitter for ammonia (NH₃) measurement. With the compatible DrägerSensor NH₃ FL it measures in the 0–50 ppm range and provides a 4–20 mA analogue output. It runs on 22–26 V DC, has an IP65-rated PA housing, operates between 0 °C and 50 °C and carries CE marking.

- 01 0–50 ppm measuring range for ammonia (NH₃)
- 02 Electrochemical measuring principle, compatible with DrägerSensor NH₃ FL
- 03 4–20 mA analogue output, 22–26 V DC supply
- 04 PA housing, IP65; 7.5 × 22.5 × 7.5 cm
- 05 Operating temperature from 0 °C to 50 °C; CE marking

Technical data

BRAND	Dräger
MODEL	Polytron A500
GASES	NH ₃
SENSOR TECHNOLOGIES	Electrochemical
OUTPUTS	4–20 mA
DISPLAY	no
SIL LEVEL	None
IP RATING	IP65
OPERATING TEMPERATURE	0–50 °C
POWER SUPPLY	22 to 26 V DC
HOUSING	PA
OTHER APPROVALS	CE marking
DIMENSIONS	7.5x22.5x7.5 cm (H × W × D)
WEIGHT	1.32 lb (600 g)

COMPATIBLE ITEMS

DrägerSensor NH3 FL

Gas and measuring range

GAS	UNIT	MEASURING RANGE	SENSOR
NH3	ppm	0 – 50	Electrochemical

Certificates

OTHER

CE marking