DRÄGER · FIXED GAS DETECTION · GAS TRANSMITTER

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	NH3
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