

ABB AP300 ANALYTICAL SENSORS

Product Data Sheet

AP303/21021001/STD

combination pH sensor

FUNCTION combination pH sensor	FAMILY ABB AP300 analytical sensors	ORIGIN United Kingdom	WEIGHT 0.40 kg
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ABB AP303/21021001/STD is a combination pH sensor for the ABB AP300 analytical sensors. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Body style	AP303 notched sensor guard
Measurement	pH
Measuring range	0 to 14 pH
Glass formulation	Standard yellow glass
Integral temperature sensor	Pt100
Liquid junction	Porous PTFE
Integral cable length	6 m (20 ft)
Sensor connectors	BNC plus temperature compensator connector
Accessory hardware	None supplied
Instruction manual	English

Process connection	3/4 in NPT
Insertion length	38 mm
Body material	PVDF (Kynar)
Maximum pressure	6 bar at 25 °C
Operating temperature	0 to 105 °C

- Immersion pH monitoring points: Water Quality Systems
- Process liquid quality monitoring: Process Analytics Systems
- In-line reactor liquid analysis: Process Measurement Systems

Match AP303/21021001/STD to the installed ABB AP300 analytical sensors, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB official manufacturer documentation](#)

ABB AP300 official data sheet DS/AP300-EN Rev. J

AMIKON PRODUCT SUPPORT

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