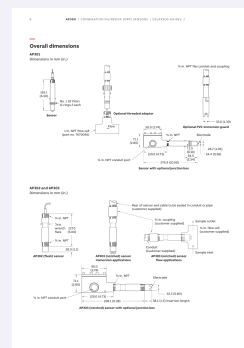


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

AP303/21021001/STD
combination pH sensor



PRODUCT	AP303/21021001/STD
FAMILY	ABB AP300 analytical sensors
FUNCTION	combination pH sensor
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from ABB documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

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

02 PREPARATION AND CONNECTION

- Confirm the complete AP303/21021001/STD article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

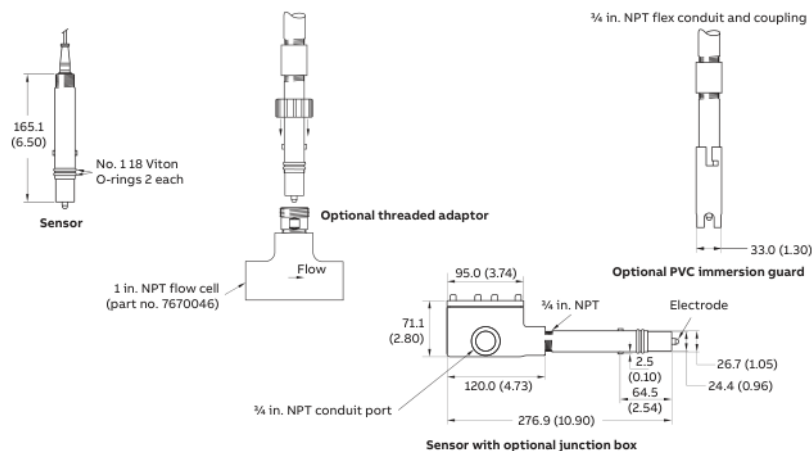
8

AP300 | COMBINATION PH/REDOX (ORP) SENSORS | DS/AP300-EN REV. J

Overall dimensions

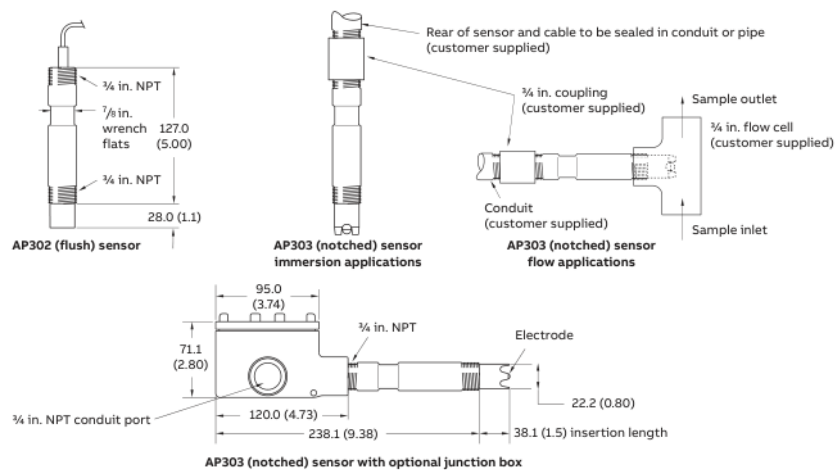
AP301

Dimensions in mm (in.)



AP302 and AP303

Dimensions in mm (in.)



04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	ABB official manufacturer documentation
Product record	AP303/21021001/STD
Manufacturer	ABB
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM