

396P-08-10-55

Rosemount 396P TUpH pH sensor

CONTROLLED ENGINEERING COPY

Protect the glass electrode and reference junction, mount by the 1 in threads without twisting the cable, keep the wetted materials compatible with the process, and perform two-point pH calibration before control use.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	396P-08-10-55
Manufacturer part	396P-08-10-55
Hardware type	396P
System family	Rosemount liquid-analysis measurement system



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the complete 396P-08-10-55 marking and the assigned Rosemount liquid-analysis measurement system position before work.
- 2

Place the connected machine or process in the approved maintenance state before disturbing 396P-08-10-55.
- 3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting 396P-08-10-55.
- 4

Record connector, conductor, slot and configuration identities before removal of 396P-08-10-55.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

MATCHED HARDWARE

- Compatible Rosemount analyzer/transmitter
- Approved insertion or flow-through fitting
- Shielded sensor cable
- Process-compatible seal and cleaning arrangement

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	396P-08-10-55 / 396P-08-10-55 recorded
Physical interface	Compatible Rosemount analyzer/transmitter
Companion check	Approved insertion or flow-through fitting
Functional proof	Uses a double-junction reference architecture
Application test	Wastewater pH monitoring

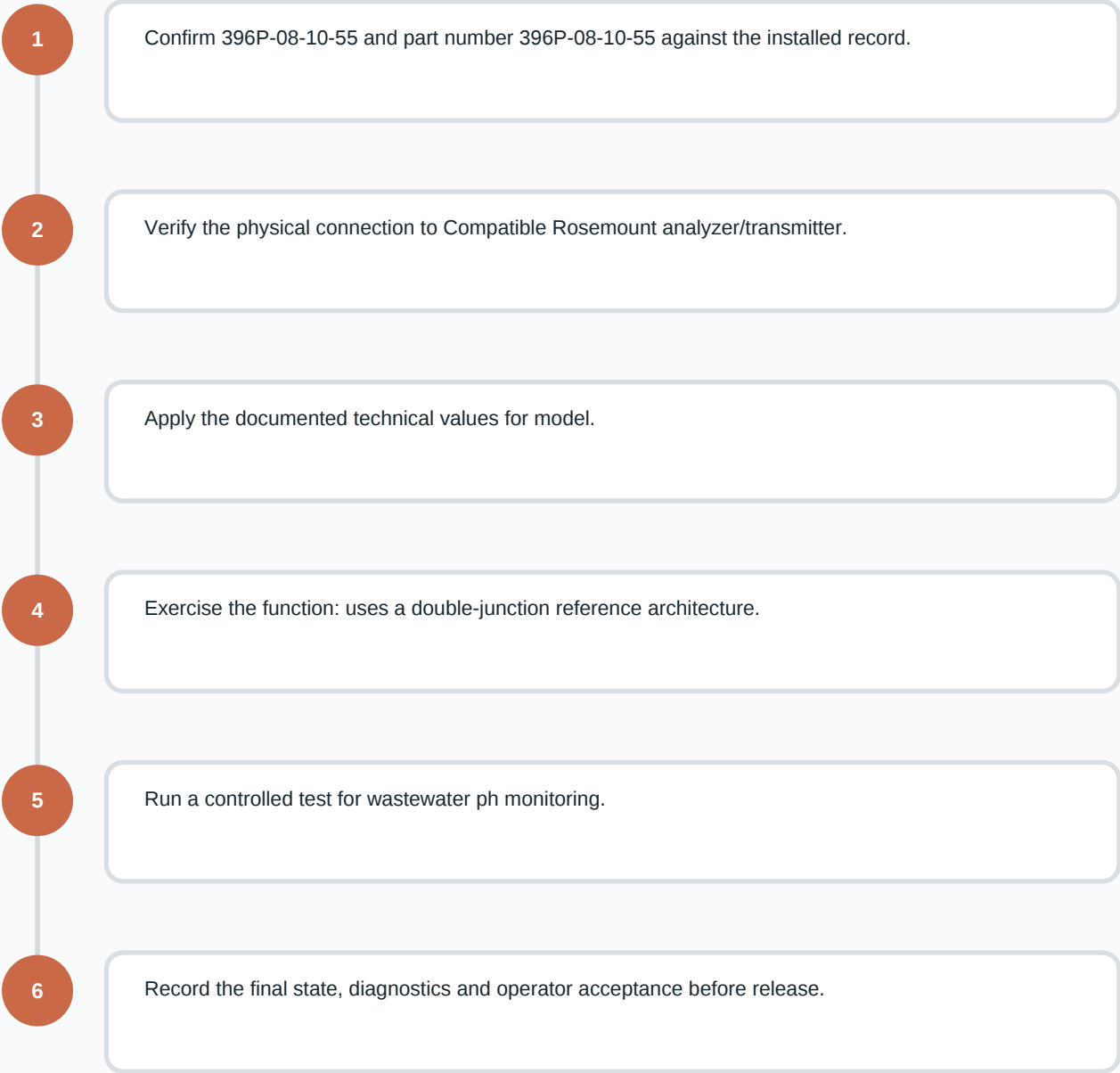
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Model	396P
Integral preamplifier	None
Integral cable length	10 ft (3.05 m)
Measuring electrode	GPLR pH glass
Measurement range	0 to 14 pH
Compatible transmitters	Rosemount 56, 1056, 1057, 1066, 5081
Temperature range	0 to 100 degC
Pressure range; hemi bulb	0 to 150 psig (0 to 10.34 barg)
Minimum conductivity	100 uS/cm
Process threads	1 in MNPT front and rear
Body material	Reinforced polypropylene
Temperature compensation	Pt-100

FIELD NOTE

Protect the glass electrode and reference junction, mount by the 1 in threads without twisting the cable, keep the wetted materials compatible with the process, and perform two-point pH calibration before control use.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	396P-08-10-55 / 396P-08-10-55 recorded
Physical interface	Compatible Rosemount analyzer/transmitter
Companion check	Approved insertion or flow-through fitting
Functional proof	Uses a double-junction reference architecture
Application test	Wastewater pH monitoring

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm that the installed companion hardware and approved project match the 396P-08-10-55 arrangement.
- ☐
- Restore power in a controlled sequence and review device, rack and host diagnostics.
- ☐
- Prove the intended function and retain the final test result before returning 396P-08-10-55 to service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	396P-08-10-55
INSTALLED POSITION	Documented Rosemount liquid-analysis measurement system position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
KJ2005X1-BK11-2P4688X052 ...	Related Rosemount product	View KJ2005X1-BK11-2P4688X052... page
PR9268-601-000-025531	Related Rosemount product	View PR9268-601-000-025531 page
KJ1501X1-BC4-C2-A013P006 ...	Related Rosemount product	View KJ1501X1-BC4-C2-A013P006... page
IC31197G05	Related Rosemount product	View IC31197G05 page
KJ3243X1-BK1-C2-A0SE402 2	Related Rosemount product	View KJ3243X1-BK1-C2-A0SE4022 page
KL2101X1-BA1-C2-A0SE650 1T01	Related Rosemount product	View KL2101X1-BA1-C2-A0SE6501T01 page
KL2101X1-BB1-SE6504	Related Rosemount product	View KL2101X1-BB1-SE6504 page
KJ3241X1-BK1-C2-A0SE400 6P2	Related Rosemount product	View KJ3241X1-BK1-C2-A0SE4006P2 page

SOURCE IDENTIFIERS

Rosemount 396/396P or 3900 product data sheet
00813-0100-3396 / 00813-0100-3900

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WEBSITE	www.apterpower.com

