109938 / 130623

Verification adapter for AMI CACE

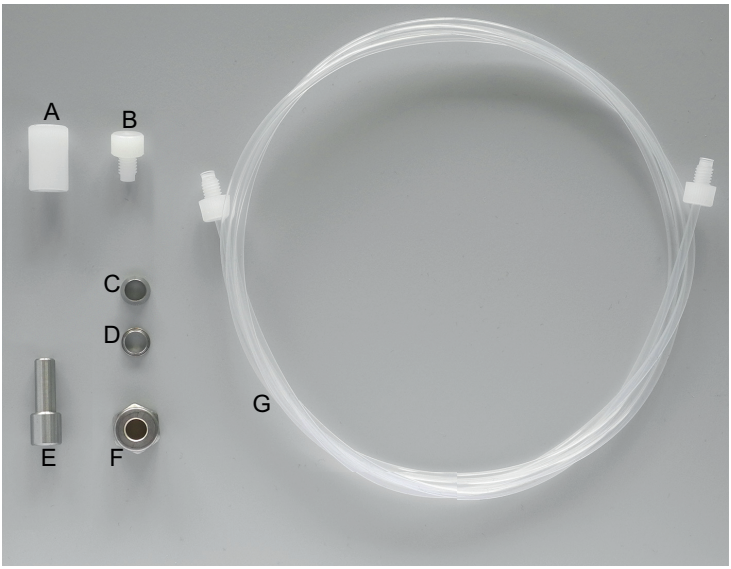
A-83.910.130

SWISS MADE

Instructions for Use

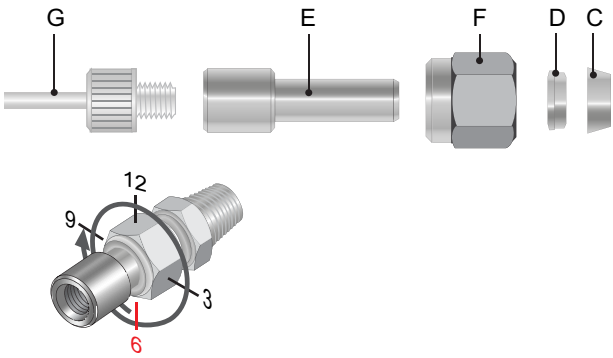
Contents of the Kit

The adapter kit allows to connect an AMI Inspector Conductivity to the AMI CACE in order to verify the measured values.



A *M6 to M6 connector*
B *Blind plug*
C *Compression cone*
D *Compression ferrule*
D *¼ inch to M6 adapter*
E *Union nut*
F *170 cm FEP tube*

Sample inlet at AMI Inspector



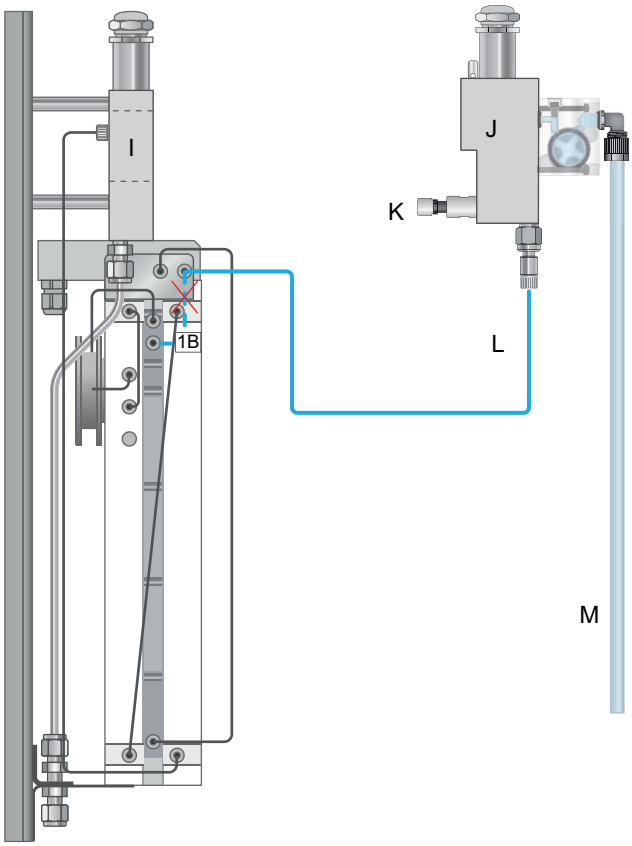
1 Insert the compression ferrule [D] and the compression cone [C] into the union nut [F].
2 Screw the union nut onto the body, do not tighten it.
3 Push the adapter [E] through the union nut as far as it reaches the stop of the body.
4 Mark the union nut at 6 o'clock position.
5 While holding the fitting body steady, tighten the union nut 1¼ rotation using an open ended spanner.
6 Connect the FEP tube [G] to the adapter [E].

Connecting the instruments

1 Stop the sample flow to the AMI CACE by closing the corresponding valve (e.g. on the Backpressure Regulator).
2 Connect the two instruments as shown in the pictures on the next page.
3 Connect the sample outlet of the AMI Inspector to the waste.
4 Switch on the AMI Inspector. Start the sample flow and regulate it to 3 – 4 l/h using the flow regulating valve [K]. The flow rate is shown on the transmitter of the AMI Inspector.
5 Navigate to <Installation>/<Sensors>/<Temp. compensation> and set the AMI Inspector to the same temperature compensation as the sensor to be tested.
6 Wait until the value has stabilized.

Note: *Since no water flows through the electrode chambers, the instru-ment should not be operated for more than four hours with this measurement setup.*

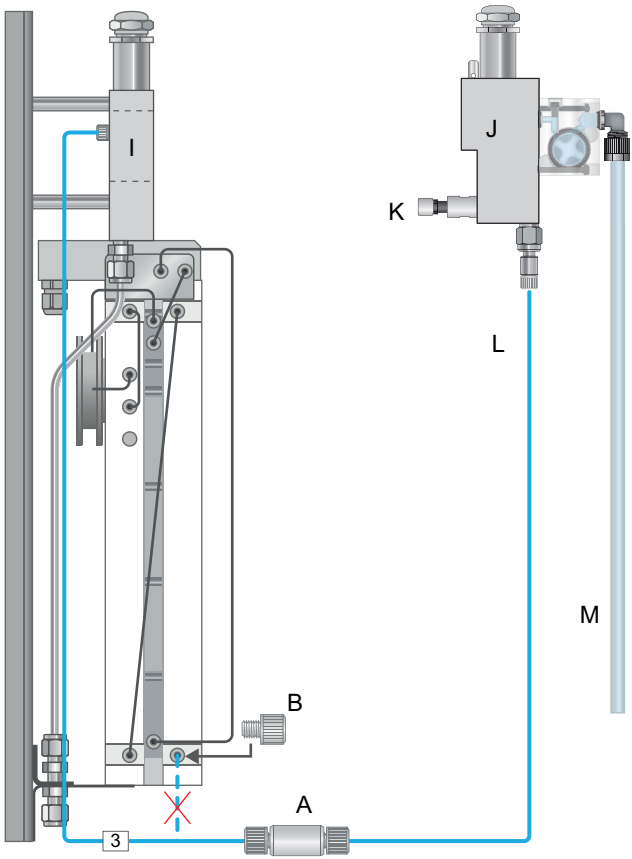
Measuring setup for specific conductivity



I *Flow cell of AMI CACE*
J *Flow cell of AMI Inspector*
K *Flow regulating valve*
L *170 cm FEP tube*
M *Waste*

Note: *The AMI CACE is not able to detect sample flow with this measuring setup and will issue the corresponding error message(s). However, this does not affect the measured value.*

Measuring setup for cation conductivity



A *M6 to M6 connector*
B *Blind plug*
I *Flow cell of AMI CACE*
J *Flow cell of AMI Inspector*
K *Flow regulating valve*
L *170 cm FEP tube*
M *Waste*

Notes

109938 / 130623

Swan Products - Analytical Instruments for:

Swan is represented worldwide by subsidiary companies and distributors and cooperates with independent representatives all over the world. For contact information, please scan the QR code.

Swan Analytical Instruments · CH-8340 Hinwil
www.swan.ch · swan@swan.ch

SWISS MADE

Instructions for Use