

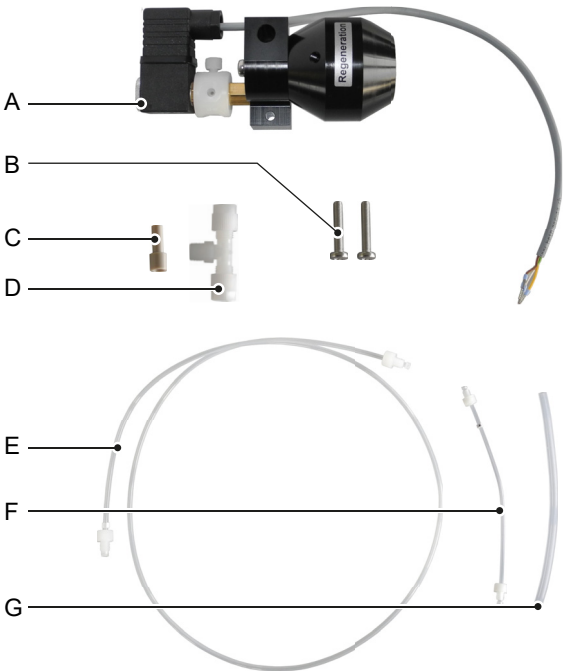
# Automatic Regeneration Option for AMI Sodium P

A-82.311.200



SWISS  MADE

1. Contents of the Installation Kit



- |          |                                      |          |                         |
|----------|--------------------------------------|----------|-------------------------|
| <b>A</b> | <i>Automatic regeneration module</i> | <b>D</b> | <i>T-piece</i>          |
| <b>B</b> | <i>Mounting screws</i>               | <b>E</b> | <i>Tube no. 3</i>       |
| <b>C</b> | <i>Adapter</i>                       | <b>F</b> | <i>Tube no. 4</i>       |
|          |                                      | <b>G</b> | <i>Ventilation tube</i> |

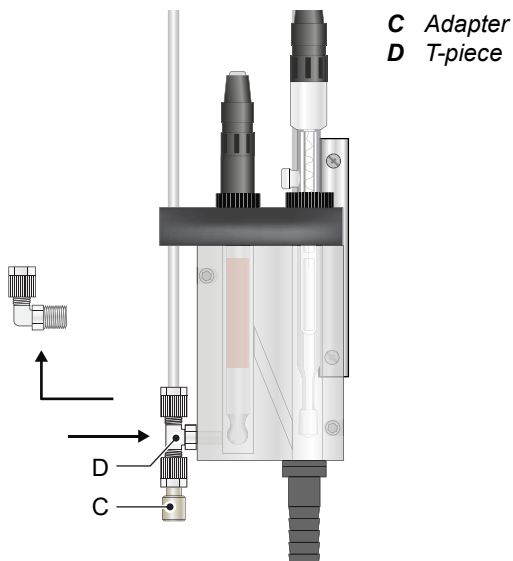
## 2. Installation

### Mechanical installation

- 1 Shut off power of the instrument. Proceed according to chapter "Stop of Operation for Maintenance" in the manual of the instrument.
- 2 Connect the ventilation tube [G] to the bottle holder of the automatic regeneration module

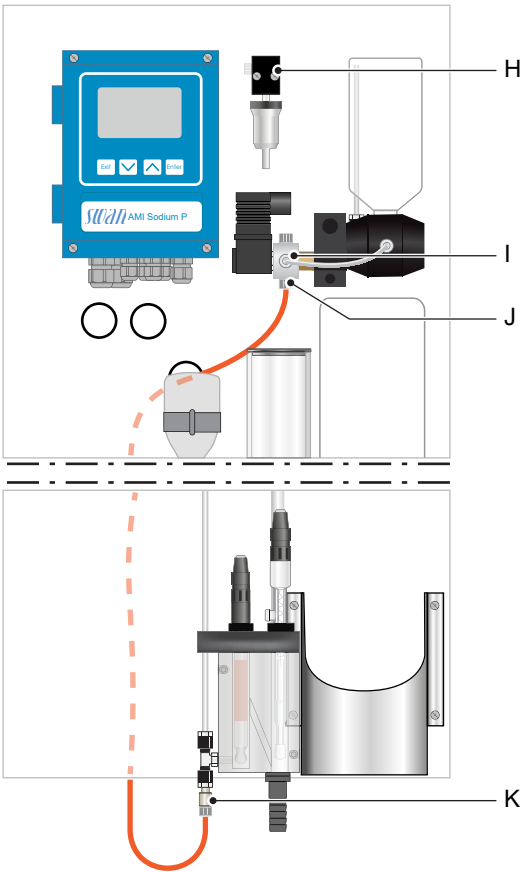


- 3 Remove the elbow piece from the inlet of the flow cell and screw in the enclosed T-piece [D].
- 4 Connect the adapter [C] to the T-piece [D].



- 5 Screw the automatic regeneration module to the panel using the supplied screws (if necessary, unscrew the air filter [H] and screw it on at the attachment points further to the left).
- 6 Use tube 4 to connect the outlet of the bottle holder with the inlet [I] of the 3-way valve.
- 7 Use tube 3 to connect the outlet [J] of the 3-way valve with the inlet [K] of the flow cell.

**Note:** *The unused port of the 3-way valve must be sealed with a blind plug.*



### Electrical connection

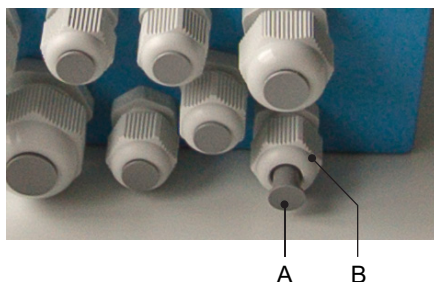


### WARNING

#### Electrical shock hazard!

Before opening the AMI transmitter switch power off.

Use one of the PG7 cable glands to feed the cable of the solenoid valve into the AMI transmitter housing.

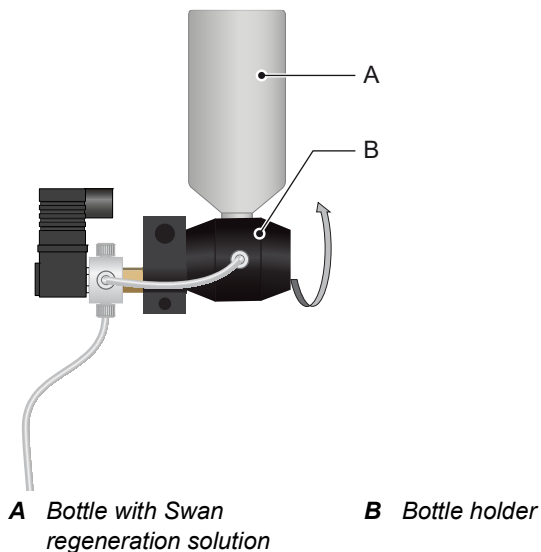


- 1 Remove the plug [A] from the cable gland [B].
- 2 Open the transmitter housing.
- 3 Feed the cable of the solenoid valve through the cable gland [B] into the AMI transmitter housing.
- 4 Connect the wires to the terminals in the AMI transmitter as indicated below:
  - ♦ Terminal 33: yellow
  - ♦ Terminal 34: white
  - ♦ Terminal 35: green
  - ♦ Terminal 36: brown

### 3. Startup

**Installation of  
regeneration  
solution bottle**

Screw a bottle of SWAN regeneration solution to the bottle holder [B] and swing it upwards.



**Programming**

Switch on power.

Configure the time and days of the week on which an automatic regeneration should be performed. These settings can be made in the <Maintenance>/<Regeneration> menu.

**Filling the tube**

Fill the tube with regeneration solution by calling the <Maintenance>/<Regeneration>/<Manual Operation> menu item.

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 Installation Instruction

