Air sampling smoke detection system
AD2-C11 rev.d

Quick Guide for Commissioning

1 Installation

- Connect power (24VDC)
- Connect the detector lines
- Connect reset input (if S3 = ON)
- Install the detector bases and the smoke detectors
- Prepare for operation with 1 or 2 pipe systems
- Connect pipe system or test pipe

2 Set Up

Set DIP switches S2 on pcb E596 according to tables below:

<table>
<thead>
<tr>
<th>Air flow monitoring</th>
<th>Switch S2 A(1)</th>
<th>delay time</th>
<th>Switch S2 B(2)</th>
<th>Switch S2 C(3)</th>
<th>Switch S2 D(4)</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>OFF</td>
<td>short</td>
<td>ON</td>
<td>OFF</td>
<td>small</td>
<td>1</td>
</tr>
<tr>
<td>ON</td>
<td>ON</td>
<td>middle</td>
<td>OFF</td>
<td>ON</td>
<td>middle</td>
<td>II</td>
</tr>
<tr>
<td>ON</td>
<td>ON</td>
<td>long</td>
<td>OFF</td>
<td>OFF</td>
<td>large</td>
<td>III</td>
</tr>
<tr>
<td>OFF</td>
<td>OFF</td>
<td>very long</td>
<td>ON</td>
<td>ON</td>
<td>very large</td>
<td>IV</td>
</tr>
</tbody>
</table>

Fault Switch S3
- OFF: Fault not latching (standard)
- ON: Fault latching until reset

Atmospheric pressure compensation
- R28 MP1 (+) MP2 (-) see correction table for atm. pressure or 2,50 V (standard)

3 Commissioning

Initializing of airflow monitoring
- 1. press button S1 "Init" several times:
  - for 1 tube system:
    - green LED and yellow LED left flashes
    - green LED und yellow LEDs left and right flashes
  - for 2 tube systems:
    - green LED on

- 2. Fix cover and tighten screws within the next 2 min.
- 3. Initialization active ca. 20 min., green and yellow LED flashing
- 4. Unit ready green LED on
Operation with 1 pipe system

Operation with 2 pipe systems

Störung 1 Fault 1
(normal)

Störung 2 Fault 2
(normal)

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