**tmp2-config**: NEW diagnostic and configuration software for:

- Monitoring of sensors and detector functions
- Alarm Temperature Levels setting
- Temperature Class setting according to EN54-5
- Static or Rate of Rise functionality setting
- LED functioning mode setting
- Alarm Status setting (Latched or Reflex)
- Service time counter
- Number of events counter
- General information: sensor status, reset, power ON and power OFF

**APPLICATIONS**

- Commercial and Industrial plants
- Hazardous atmospheres (Classified areas Zone 1 and Zone 2)
- Suitable in dangerous environmental conditions such as in presence of corrosive elements or condensing steams
- Suitable to be used with all Conventional Fire Detection Systems

**Especially suitable for:**

- Refineries and Hazardous material stores
- Extraction ducts
- Boiler rooms
- Workshops
- Oil & Gas plants
- Pumping rooms
- Refrigeration cells

**TECHNICAL SPECIFICATIONS**

- **Sensor:** Semi-conductor
- **Temperature Range:** -20°C to +110°C
- **Code of Protection:** ATEX II 2G Ex d IIC T6
- **Protection Degree:** IP65 (Probe IP67)
- **Location:** Hazardous area
- **Short-term repeatability:** ±2% FSD 60 min.
- **Long-term repeatability:** ±3% FSD 3 months.
- **Accuracy (linearity):** ±1% FSD

**Environmental Specifications**

- **EMC:** According EN61000-4
- **Storage temperature:** -40 to 85 °C
- **Operating temperature:** -20 to 110 °C
- **Humidity range:** 90% R.H. n.c.

**Electrical Specifications**

- **Supply Voltage:** 10-30 Vdc
- **Supply current:** about 20/30 uA in normal conditions > 20 mA in alarm cond.
- **Supply fuse:** 50 mA
- **Connection:** 2 conductors cable

**Mechanical Specifications**

- **Overall dimensions:**
  - ATEX version: 160x85x75 mm
  - DUST version: 165x66x50 mm
- **Weight:**
  - ATEX version: 410 g.
  - DUST version: 240 g.
- **Mounting:** 2x6 mm holes
- **Termination Ex d:** Cable Holder
- **Probe attachment:**
  - ATEX version: 1/2" NPT
  - DUST version: PG13 Cable Holder
- **Jesson box attachment:**
  - ATEX version: 1/2" NPT
  - DUST version: PG13 Cable Holder

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**CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Box Type</th>
<th>Temperature Class</th>
<th>Mode</th>
<th>Led Status</th>
<th>Alarm config.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMP2</td>
<td>J = Atex 1 way 1/2&quot; connection box</td>
<td>- A1 = Static alarm 54-65°C</td>
<td>- M = Manual Reset</td>
<td>1 = OFF in normal condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>T = Atex 2 ways T 1/2&quot; connection box</td>
<td>- A2 = Static alarm 54-70°C</td>
<td>- A = Auto Reset</td>
<td>ON in Alarm condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>JO = Atex 1 way connection box with glass</td>
<td>- B = Static alarm 69-85°C</td>
<td></td>
<td>2 = PULSE in normal condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TO = Atex 2 ways T connection box with glass</td>
<td>- C = Static alarm 84-100°C</td>
<td></td>
<td>OFF in Fault condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>D = Aluminium housing IP65</td>
<td>- D = Static alarm 99-115°C</td>
<td></td>
<td>ON in Alarm condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P = Only probe without housing</td>
<td>- R = Static &amp; Rate of Rise</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- S = Static</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example of product code creation:

Heat detector ATEX certified Tbox with glass, Temp. class C with alarm intervention at 90°C static with pulse LED and Auto Reset alarm:
Code: TMP2-TO-C90S2A

Heat detector Dust box, Temp. class A2 with alarm intervention at 57°C Rate of Rise with OFF LED in normal condition and Auto Reset alarm:
Code: TMP2-D-A257R1A

*Example of J or T box*  
*Example of JO or TO box*  
*Example of D box*  
*Example of P (Probe)*

Not suitable for Fire Detection  
Suitable for Fire Detection  
Suitable for Fire Detection  
Not suitable for Fire Detection

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