INTRODUCTION

Switches from the FEMA range are pressure monitor for hot water, steam, gas, fuel (DWR).

Medium temperature –25 to +60°C. The maximum medium temperature at the pressure sensor must not exceed the permitted ambient temperature at the switching device.

Factory-setting:
- Stainless steel device
- Fixed switching differential (settings in potion)
- Optional oxygen treatment

TECHNICAL FEATURES

Operation:
Steam, hot water, combustible gases, combustible liquids

Control basis:
Pressure 100/1, ed.11.82
DIN 3398, page 3, ed.11.82
DIN 3398, page 4, ed.10.86

Function:
Pressure monitor or pressure limiter (with external interlock)

Direction of action:
For maximum and minimum pressure monitoring (DWFS, SDBFS)

Sensor: "of special construction" by testing with 2 million cycles

Contact arrangement: Single pole changeover switch

Switching capacity: 8(5) A, 250V DC

Mounting position: Vertically upright and horizontal

Pressure connection:
External thread G 1/2 (pressure gauge connection) to DIN 16 288
and internal thread G 1/4 to ISO 228 Part 1 (for gas applications internal thread permissible only up to 4 bar)

Switching device:
Rugged housing (200) made of seawater resistant diecast aluminium

Protection class: IP 54 according to DIN IEC 529 (IP65 in option)

VERSIONS

<table>
<thead>
<tr>
<th>CODE</th>
<th>Setting range</th>
<th>Differential</th>
<th>Max pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWR 2</td>
<td>0.2 to 2.5 bar</td>
<td>0.1 bar</td>
<td>16 bar</td>
</tr>
<tr>
<td>DWR 6 *</td>
<td>0.5 to 6 bar</td>
<td>0.2 bar</td>
<td>16 bar</td>
</tr>
<tr>
<td>DWR 16</td>
<td>3 to 16 bar</td>
<td>0.5 bar</td>
<td>25 bar</td>
</tr>
<tr>
<td>DWR 25</td>
<td>4 to 25 bar</td>
<td>1.0 bar</td>
<td>63 bar</td>
</tr>
<tr>
<td>DWR 40</td>
<td>10 to 40 bar</td>
<td>1.3 bar</td>
<td>63 bar</td>
</tr>
</tbody>
</table>

* Standard product in stock.