Sensors
Temperature sensors
Duct sensors: QAM.. / FK-TP..

QAM21..

Duct temperature sensor, passive
Fully active, flexible probe for averaging.

Data sheet
N1761

Time constant
At v = 2 m/s: 30 s

Connection, electrical
Screw terminals

Type of fixing
Flange

Degree of protection
IP42

Note on fixing:
Supplied complete with mounting flange.

Range overview QAM21..

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>LG-Ni1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±1.8</td>
<td>BPZ:QAM2120.040</td>
<td>QAM2120.040</td>
</tr>
<tr>
<td>2000</td>
<td>LG-Ni1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±1.8</td>
<td>BPZ:QAM2120.200</td>
<td>QAM2120.200</td>
</tr>
<tr>
<td>6000</td>
<td>LG-Ni1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±1.8</td>
<td>BPZ:QAM2120.600</td>
<td>QAM2120.600</td>
</tr>
<tr>
<td>400</td>
<td>Pt1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±0.7</td>
<td>BPZ:QAM2110.040</td>
<td>QAM2110.040</td>
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<tr>
<td>400</td>
<td>Pt1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±0.7</td>
<td>BPZ:QAM2112.040</td>
<td>QAM2112.040</td>
</tr>
<tr>
<td>2000</td>
<td>Pt1000</td>
<td>-50...80</td>
<td>At -50...80 °C: ±0.7</td>
<td>BPZ:QAM2112.200</td>
<td>QAM2112.200</td>
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<tr>
<td>400</td>
<td>NTC 10k</td>
<td>-40...80</td>
<td>At -40...80 °C: ±1.2</td>
<td>BPZ:QAM2130.040</td>
<td>QAM2130.040</td>
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</tbody>
</table>

QAM21..1..

Duct temperature sensor active
Fully active, flexible probe for averaging.

Data sheet
N1762

Measuring range, temperature -50...50 °C
Measurement accuracy At -50...50 °C: ±0.9 K
Time constant 30 s at v = 2 m/s
Connection, electrical Screw terminals
Type of fixing Flange
Degree of protection IP54
Power consumption ≤ 1 VA

Note on fixing:
Supplied complete with mounting flange.

Range overview QAM21..1..

<table>
<thead>
<tr>
<th>Analog output, signal</th>
<th>Operating voltage</th>
<th>Probe length [mm]</th>
<th>Stock No.</th>
<th>Product No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC 0...10 V</td>
<td>AC 24 V</td>
<td>400</td>
<td>BPZ:QAM2161.040</td>
<td>QAM2161.040</td>
</tr>
<tr>
<td></td>
<td>DC 13.5...35 V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC 4...20 mA</td>
<td>DC 13.5...35 V</td>
<td>400</td>
<td>BPZ:QAM2171.040</td>
<td>QAM2171.040</td>
</tr>
</tbody>
</table>

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Building Technologies Division
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2015