Data sheet for ultrasound transducer: SQ_UST_G_0001-01

<table>
<thead>
<tr>
<th>Application:</th>
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<tbody>
<tr>
<td>Gas Meter Application</td>
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<tr>
<td>Distance Measurement Application</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Description:</th>
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<tbody>
<tr>
<td>Type: air coupling transducer</td>
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<tr>
<td>Center frequency: 200 kHz</td>
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<tr>
<td>Aperture: 10 mm</td>
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<tr>
<td>Lateral beamwidth (FWHM): 18°</td>
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<tr>
<td>Resonator: PZT piezoelectric ceramics</td>
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<tr>
<td>Dimensions: ca. 18 mm x 9 mm</td>
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<td>Connection: fixed cable 0,12m</td>
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</tbody>
</table>

Environmental conditions, application conditions:

- Medium: air
- Temperature range: -20°C ... 70°C
- Storage Conditions: -30°C ... 70°C

Remarks:

- Do not touch active area.
- Transducer can be used in pulse echo mode and transmission mode.
- Max. transmit voltage: 20Vpp (continuous wave)

Notice:
For the complete datasheet please ask the manufacturer

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