1 Safety instructions

1.1 Intended use
The PTP transducer is intended to be installed in a machine or system. Together with a controller (PLC) it comprises a position measuring system and may only be used for this purpose. In case of unauthorized modifications, non-permitted usage or non-observance of the instructions for use, the warranty and liability claims will be lost.

1.2 Installation and startup
The linear transducer must be installed by qualified personnel and with consideration of all valid safety regulations. All personal and property protection measures in case of a transducer defect or failure must be taken before startup.

1.3 Electrical connections
The supply voltage must be applied only at the terminals provided. The shielding of the connecting cable must be connected to ground level. Incorrect connections and overvoltage can damage the components. Please always check the connections carefully before turning on the system.

2 Installation

2.1 wiring diagram

2.2 Configuration

### Table

<table>
<thead>
<tr>
<th>PIN</th>
<th>falling signal</th>
<th>rising signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>supply</td>
<td>GND</td>
</tr>
<tr>
<td>2</td>
<td>Signal</td>
<td>Signal</td>
</tr>
<tr>
<td>3</td>
<td>GND</td>
<td>supply</td>
</tr>
</tbody>
</table>

⚠️ Mechanical stroke dimension B (see data sheet or drawing PTP) may not be exceeded. Exceeding of this range can lead to damages of the transducer.
3 Mechanical fastening and installation

dimension B = mechanical stroke
dimension C = electrical range
further dimensions please take out of the data sheet

3.1 PTP xxxx 1xx 002 001
3.2 PTP xxxx 3x1 002 001
3.3 PTP xxxx 4xx 002 001

3.4 PTP xxxx x2x xxxx xxx

3.5 actuating rod (Z-PTP-S01-xxxx)

3.6 mounting clamps

4 Accessories (order separately)

- mounting clamps Z-PTP-B01, P/N 056034
  (4x mounting brackets Z1-11 incl. 4x head cap screws M3x8)
- various actuating rods on request available
  (Z-PTP-S01-xxxx)