1 General description
This device is a inductive transducer for direct, precise and absolute measurement of displacements or lengths in control, regulation and measuring applications.

2 Safety instructions

2.1 Installation and startup
The transducer must be installed by qualified personnel in consideration of all relevant safety regulations. Non-observation of the installation instructions will void any warranty or liability claims.
All personal protection measures in case of a transducer defect or failure must be taken before startup.

2.3 Electrical connections
The supply voltage is to be applied only at the terminals provided. Cable shielding is to be connected to ground level.
Improper connections and overvoltage can damage the components. Please always check the connections carefully before turning on the system.

3 Installation

3.1 Flange
FTI Instructions for Use

3.2 Output Signals

<table>
<thead>
<tr>
<th>Cable</th>
<th>Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>white</td>
<td>+ Ua 18...30 VDC</td>
</tr>
<tr>
<td>brown</td>
<td>0(4)...20mA</td>
</tr>
<tr>
<td>green</td>
<td>GND</td>
</tr>
</tbody>
</table>

4 Accessories (order separately)
- 4 clamps Z3-31 incl. 4 screws M4
  (P/N 059010)
- Gauge roller Z50
  (P/N 005678)

5 order designation

FTI 10 . x . xx . x . K1

- length
- current output
- linearity
- protection class