**Z-RFC-P01**
- Position marker for frontal fixation with 2 screws or with locking pin
- Art.No. 005660
- Weight approx. 30 g
- Magnet constant 1.85°/mm²
- Max. permitted radial offset ±1.5 mm

**Z-RFC-P02**
- Position marker for frontal fixation with 2 screws or with locking pin
- Art.No. 005681
- Weight approx. 35 g
- Magnet constant 0.8°/mm²
- Max. permitted radial offset ±3 mm

**Z-RFC-P03**
- Magnet for direct application onto customer’s shaft
- Art.No. 005658
- Weight approx. 1 g
- Magnet constant 1.85°/mm²
- Max. permitted radial offset ±1.5 mm
- Packaging unit 100 pcs.

**Z-RFC-P04**
- Magnet for direct application onto customer’s shaft
- Art.No. 005659
- Weight approx. 2.5 g
- Magnet constant 0.8°/mm²
- Max. permitted radial offset ±3 mm
- Packaging unit 100 pcs.
Lateral magnet offset (will cause additional linearity error):

The maximum error which is caused by lateral offset between sensor and position marker can be approximated as follows:

Error [°] = magnet constant x (offset [mm])²

The magnet constant depends on the position marker.

Example: Z-RFC-P02:
- magnet constant = 0.8 °/mm²;
- offset = 0.5 mm
- Error [°] = 0.8°/mm² x (0.5 mm)² = 0.2°

<table>
<thead>
<tr>
<th>Working distances [in mm]</th>
<th>Z-RFC-P07</th>
<th>Z-RFC-P08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor</td>
<td>RFC</td>
<td>RFA</td>
</tr>
<tr>
<td>RFC model 600 / 700</td>
<td>0...1.5</td>
<td>0...1.6</td>
</tr>
<tr>
<td>RFC model 800</td>
<td>not recom.</td>
<td>not recom.</td>
</tr>
<tr>
<td>RFA model 600</td>
<td>not recom.</td>
<td>not recom.</td>
</tr>
<tr>
<td>RFA model 700</td>
<td>not recom.</td>
<td>not recom.</td>
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</tbody>
</table>