# Customer Request Form

## Specific Precision Potentiometer

### Customer Information

<table>
<thead>
<tr>
<th>Company name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
</tr>
<tr>
<td>Position:</td>
</tr>
<tr>
<td>Address:</td>
</tr>
<tr>
<td>Tel.:</td>
</tr>
<tr>
<td>E-mail:</td>
</tr>
<tr>
<td>Date:</td>
</tr>
</tbody>
</table>

### Application

<table>
<thead>
<tr>
<th>Program/application:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project type:</td>
</tr>
<tr>
<td>□ New project</td>
</tr>
<tr>
<td>□ Existing project</td>
</tr>
<tr>
<td>□ Retrofit / replacement</td>
</tr>
<tr>
<td>Planing:</td>
</tr>
<tr>
<td>□ ≤ 3 months</td>
</tr>
<tr>
<td>□ ≤ 6 months</td>
</tr>
<tr>
<td>□ &gt; 1 year</td>
</tr>
<tr>
<td>Total quantity estimation:</td>
</tr>
</tbody>
</table>

### Mechanical Characteristics

**Movement:**
(Rotary - multi or single turn, rectilinear)

**Maximum Overhaul**

**Dimensions authorized:**

**Shaft diameter and type for Rotary Sensor:**
(Plain shaft or hollow shaft)

**Mounting Interface:**
(Synchro, Bushing, screws, etc.)

**Mechanical Stroke:**

**Shaft speed:**

**Starting & Running Torques:**

**Lifetime:** (cycles)

### Electrical Characteristics

**Resistance with tolerance:**
(Nominal Resistance)

**Effective electrical stroke:**

**Conformity or Linearity,**
**type and requested value:**

**Operating Voltage:**

**Type of electrical connexion:**
(Flying leads, connectors, etc.)

### Environmental Conditions

**Operating Temperatures:**

**Storage Temperatures:**

**Sealing:**
(None, water spray, dust, other)

**Others:**
(Shocks, Vibrations, etc.)

---

**Exxelia**

www.exxelia.com • info@exxelia.com

Tel: + 33 (0)1 49 23 10 00

Page revised - Version 02/16
**Customer Request Form**

### STANDARD MOUNTING INTERFACES FOR ROTARY POTENTIOMETERS

**Bushing mounting example**

**Servo mounting example**

### EXXELIA POTENTIOMETER INTERFACES

**Standard Potentiometers (Rotary or rectilinear):**

A standard potentiometer can be Rotary (multi or single turn) or Rectilinear.

**Hollow Shaft Potentiometer:**

A Hollow Shaft Potentiometer is a potentiometer with a bore through the centre of the potentiometer. The bore can enable potentiometer to be mounted on a shaft.

**Separate Elements (Tracks + wipers):**

A Separate Element is a potentiometer where the wipers are free, separated of the Potentiometer. The two parts must be fitted by the customer to their system.

**Pancake Potentiometer:**

A Pancake Potentiometer is a potentiometer in one part where there is no bearing (Alignment of the wipers / tracks must be performed by the customer).