**Model Overview**

<table>
<thead>
<tr>
<th>Name</th>
<th>TS-SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controllable robot</td>
<td>Dedicated compact single-axis TRANSERVO</td>
</tr>
<tr>
<td>Input power</td>
<td></td>
</tr>
<tr>
<td>Main power supply</td>
<td>DC24V +/-10% maximum</td>
</tr>
<tr>
<td>Control power supply</td>
<td>DC24V +/-10% maximum</td>
</tr>
<tr>
<td>Operating method</td>
<td>Pulse train control</td>
</tr>
<tr>
<td>Maximum number of controllable axes</td>
<td>Single-axis</td>
</tr>
<tr>
<td>Origin search method</td>
<td>Incremental</td>
</tr>
</tbody>
</table>

**Ordering method**

- **Controller only**
  - Controller: TS-SD
- **Robot + Controller**
  - Robot: SD
  - Cable length: 1 meter

Note: I/O cable (1 meter) comes supplied with unit.

**Part names**

- **Communication connector (COM2)**
  - Connector for daisy-chain connection cable
- **Communication connector (COM1)**
  - Connector for PC
- **Status indicator lamps (PWR, ERR)**
  - LED indicator shows TS-SD status
- **Robot I/O connector (ROB I/O)**
  - Connector for robot peripheral I/O signals such as position and brake signals and motor power line
- **I/O connector (I/O)**
  - Connector for host device such as PLC
- **Power supply connector**
  - For main and control power input

**Dimensions**