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>Main power supply DC24V +/-10% maximum</td>
</tr>
<tr>
<td></td>
<td>Control power supply 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>
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</table>

Ordering method

- **Controller only**
  - Robot model: TRANSERVO Series
  - Cable length: 1 meter, 3L: 3 meters, 5L: 5 meters, 10L: 10 meters

- **Robot + Controller**
  - Robot I/O connector (ROB I/O)
  - Status indicator lamps (PWR, ERR)
  - Communication connector (COM1)
  - Communication connector (COM2)
  - I/O connector (I/O)
  - Power supply connector

Part names

- Communication connector (COM2): Connector for daisy-chain connection cable
- Communication connector (COM1): Connector for PC
- 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
- Status indicator lamps (PWR, ERR): LED indicator shows TS-SD status
- Power supply connector: For main and control power input

Dimensions

- Dimensions (mm): 162 x 30 x 82
- Dimensions (in): 6.37 x 1.18 x 3.23