ELECTRODE TYPE LEVEL SWITCH

Model KF-600

Best selling line in liquid level control - sales record and reliable cost performance.
KF-600 ELECTRODE TYPE LEVEL SWITCH

Liquid Control made of varied electrode materials in a sturdy housing can be applied to a variety of liquids.

*Special specifications can be ordered.

Materials of housing / flange are selectable. As for KF-650 Electrode Type Level Switch, the electrode-rod diameter and components can be selected.
*Types of High Temperature and High Pressure (KFB640) are also available.
* HT.PVC Flange can be available as well.

Only available is a housing type made of PVC. The pole bolt materials of Electrode Level Switch under KF-660N/677/688 can be selected. The choice of the electrode is Φ6 in diameter only.
*ASME & JPI can also be manufactured.

KF-650, Size of Flange / Electrode
*Square flange and ASME/JPI flange can be available.

<table>
<thead>
<tr>
<th>Diameter of Electrode</th>
<th>Φ6 / Φ8</th>
<th>Φ10 / Φ12</th>
<th>Φ15 / Φ20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity of Electrode</td>
<td>1 – 7</td>
<td>1 – 3</td>
<td>1 – 2</td>
</tr>
<tr>
<td></td>
<td>4 – 7</td>
<td>2 – 4</td>
<td>5 – 7</td>
</tr>
<tr>
<td>Smallest flange = 10K JIS</td>
<td>100A</td>
<td>125A</td>
<td>100A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>125A</td>
<td>200A</td>
</tr>
</tbody>
</table>
**Electrode consisting of hastelloy C & B is an unspliced bar.**

**KF-660N**

- **Specification**
  - Diameter of Electrode: Φ6mm only
  - Length of Electrode: Connected at every 1000mm for extension
  - Quantity of Electrode (n): 1 – 9
  - Separator: Standard, 1 each by every 2000mm
  - Flange Material: PVC, HT.PVC
  - Housing Material: PVC

**KF-667**

- **Specification**
  - Diameter of Electrode: Φ6mm only
  - Length of Electrode: Connected at every 1000mm for extension
  - Quantity of Electrode (n): 1 – 5
  - Separator: Standard, 1 each by every 1000mm
  - Flange Material: PVC
  - Housing Material: PVC

**KF-688**

- **Specification**
  - Diameter of Electrode: Φ6mm only
  - Length of Electrode: Connected at every 1000mm for extension
  - Quantity of Electrode (n): 1 – 4
  - Separator: Standard, 1 each by every 1000mm
  - Mounting Screw Material: PVC
  - Housing Material: PVC

**KFB 640 Special/High Temp. High Pressure, others**

- **Specification**
  - Diameter of Electrode: Φ6mm only
  - Length of Electrode: Connected at every 1000mm for extension
  - Quantity of Electrode (n): 1 – 4
  - Separator: Standard, 1 each by every 1000mm
  - Flange Material: PVC
  - Electrode Material: 304SS, 316SS, Titanium, Hastelloy C
  - Housing Material: AC
  - *When the electrode exceeds 5, use the housing for KF-650 or the like.

**Material Table (KF-660N/-677/-688)**

<table>
<thead>
<tr>
<th>Material of electrode rod</th>
<th>304SS</th>
<th>316SS</th>
<th>316LSS</th>
<th>Titanium</th>
<th>Hastelloy C</th>
<th>Hastelloy B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mat. of sheathed electrode</td>
<td>PVC</td>
<td>Teflon-tube</td>
<td>others</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material of stilling well</td>
<td>PVC</td>
<td>others</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

*Electrode consisting of hastelloy C & B is an unspliced bar.*
Type Designation

**KF-6—**

**Quantity of Electrode** = 1, 2, 3, 4, 5, 6, 7

**Specification** = 50

- **Terminal box fixing** = Bolt on flange
- **Flange dimension** = Available from the smallest one shown on the table.
- **Material** = Selective
- **Diameter of Electrode** = Φ6/8/10/15/20
- **Quantity of Electrode** = up to 7 rods

**KFB640—**

**Quantity of Electrode** = 1, 2, 3, 4

**Specification** = Terminal box fixing = Bolt on flange
- **Flange dimension** = 50A – 80A, JIS10K
- **Material** = Terminal box is made of AC and flange 304SS (standard)
- **Diameter of Electrode** = Φ6 only
- **Quantity of Electrode** = up to 4 rods, 5-rods Consult with Sales staff when you need more than.

**Special Specification / High temp, High pressure, others**

**Number / Length of Electrode**

<table>
<thead>
<tr>
<th>TAG.No</th>
<th>NBR</th>
<th>n = POLE</th>
<th>Shor test</th>
<th>Longest</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2</td>
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<td></td>
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<tr>
<td>L3</td>
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<td>L4</td>
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<tr>
<td>L5</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>L6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L7</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Line of business**
- Rotary Paddle Type Level Switch
- Vibration Type Level Switch
- Swing Type Level Switch
- Acoustic Level Switch
- Capacitance Type Level Switch
- Capacitance Proximity Sensor
- Diaphram Type Level Switch
- Tilt Switch
- Leak Type Level Switch
- Microwave Type Switch
- Sounding Bob Type Level Indicator
- Flow Switch
- Conductance Type Level Switch
- Float Switch
- Float Level Indicator
- Ultrasonic Type Level Indicator
- Equipments For Conveyor Lines
- Dust Monitor System
- Zirconia Oxygen Analyzer
- Liquid Analysis
- Ultrasonic Flow meter

*Nuclear Power Generation to Rice Milling
All-round Manufacturer of Level Controllers for Powder, Granules and Liquid

KANSAI Automation Co., Ltd.
Headquarters: 2-14, Togano-cho, Kita-ku, Osaka 530-0056, Japan
TEL: 81-6-6312-2071 FAX: 81-6-6314-0848
e-mail: infoe@kansai-automation.co.jp
http://www.kansai-automation.co.jp

Tokyo Branch: 1-29-6, Hamamatsu-cho, Minato-ku, Tokyo 105-0013, Japan
TEL: 81-3-3777-6931 FAX: 81-3-3777-6933

Nagoya Office: 3-31-27, Uchiyama, Chigusa-ku, Nagoya 464-0075, Japan

Kyushu Office: 1-2-39, Asano, Kikura Kita-ku, Kitakyushu 802-0001, Japan
TEL: 81-93-511-4741 FAX: 81-93-511-4580

Agent

*Please be sure to read USER'S GUIDE, Installation & Operation Instructions before using the instrument.

*The specifications herein may be subject to change without advance notice.