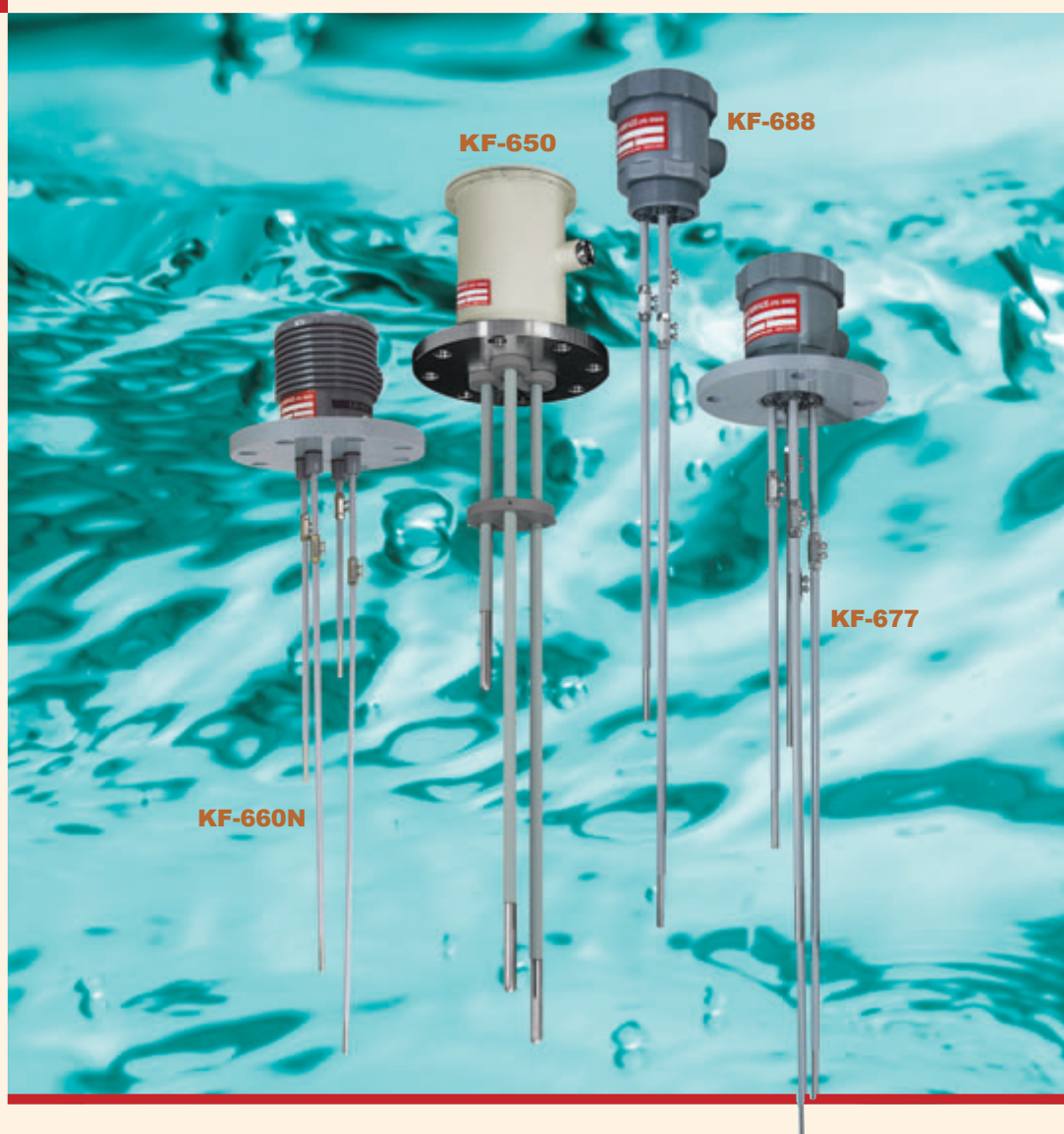


ELECTRODE TYPE LEVEL SWITCH Model **KF-600**



**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.



■ Principle of Operation

Assembled with an amplifier on the market, it can detect level from the minute electric current possibly flowing between electrodes in the conductive liquids.

KF-650

Materials of housin / 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.

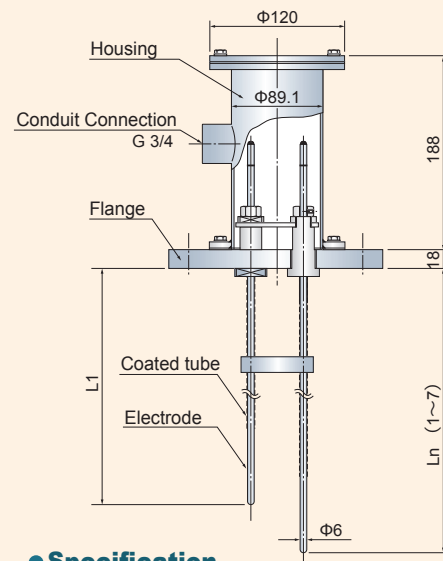
KF-660N

KF-660N • 677 • 688

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 $\Phi 6$ in diameter only.

*ASME & JPI can also be manufactured.

KF-650



● Specification

Diameter of Electrode : $\Phi 6 / 8 / 10 / 15 / 20$ mm

Quantity of Electrode (n) : 1 - 7

Separator : Standard, 1 each by every 2000mm

Flange : over 100A, JIS10K

Electrode Material : 304SS, 316SS, 316LSS, Titanium
Hastelloy C & B

Flange Material : PVC, 400SS, 304SS, others

Housing Material : PVC, SGP, 304SS, others

Painted color : Housing /munsell 5Y 7/1 (SGP only)

Flange / munsell 5Y 7/1 (400SS only)

Mat. of sheathed Electrode : PVC tube, Teflon tube

Mat. of stilling well : PVC, SGP, 304SS

*Possibly variable by ± 50 mm * Electrode rod is basically an unsplined bar.

*Coupling arrangement is possible (in case of longer rod).

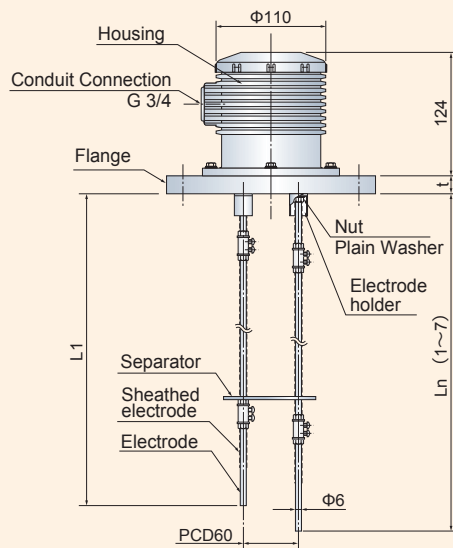
*Withstand pressure type can be available.

*Option : Housing, Flange / hot-dip galvanizing.

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

Diameter of Electrode	$\Phi 6 / \Phi 8$	$\Phi 10 / \Phi 12$	$\Phi 15 / \Phi 20$		
Quantity of Electrode	1 - 7	1 - 3	4 - 7	1	2 - 4
Smallest flange = 10K JIS	100A	125A	100A	125A	200A

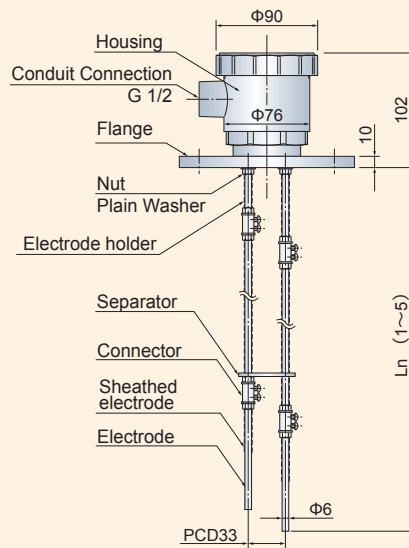
KF-660N



● 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 : over 100A, JIS10K
Flange Material : PVC, HT.PVC
Housing Material : PVC

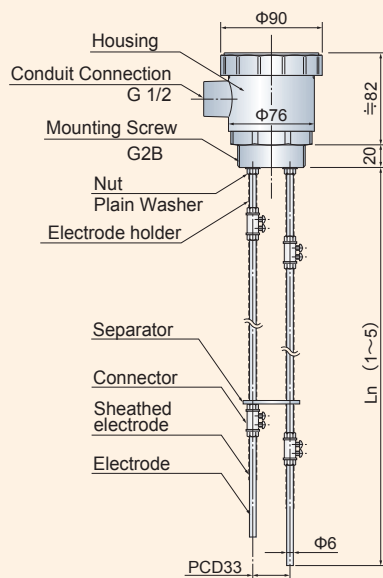
KF-677



● 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 : over 50A – 80A, JIS10K
Flange Material : PVC
Housing Material : PVC

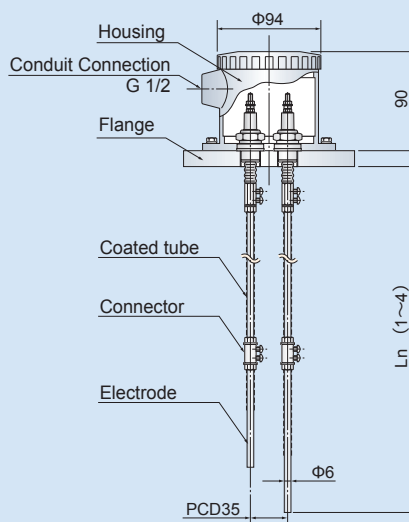
KF-688



● Specification

Diameter of Electrode : Φ6mm only
Length of Electrode : Connected at every 1000mm for extension
Quantity of Electrode (n) : 1 – 5
Separator : Standard, 1 each by every 1000mm
Mounting Screw : G2B
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 : 50A, JIS10K
Electrode Material : 304SS, 316SS, Titanium, Hastelloy C
Flange Material : 400SS, 304SS, 316SS
Housing Material : AC

*When the electrode exceeds 5, use the housing for KF-650 or the like.

■ Material Table (KF-660N / -677 / -688) *Electrode consisting of hastelloy C & B is an unspliced bar.

Material of electrode rod	▶ 304SS	316SS	316LSS	Titanium	Hastelloy C	HastelloyB
Mat. of sheathed electrode	▶ PVC	Teflon-tube	others	[]
Material of separator	▶ PVC	Teflon	others	[]
Material of stilling well	▶ PVC	others	[]

Type Designation

KF-6□□-□

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

Specification = 50

Terminal box fixing = Bolt on flange.
Flange dimensionstable = The size is 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

= 60N

Terminal box fixing = Integrated flange
Flange dimensionstable = Available from the minimum size of 100A, JIS10K.
Material = Only available is the standard housing/flange made of PVC.
Material of other parts is selective.
*Option : Ones made of HT & PVC can be available.
Diameter of Electrode = Φ6 only
Quantity of Electrode = up to 9 rods

= 77

Terminal box fixing = Integrated flange
Flange dimensionstable = 50A – 80A, JIS10K
Material = Only available is the standard housing/flange made of PVC
Material of other parts is selective.
Diameter of Electrode = Φ6 only
Quantity of Electrode = up to 5 rods, 6-rod type is KF-670-6.

= 88

Terminal box fixing = Solid Type, Mounting by screw.
Mounting Dimensions = G2B Screw only
Material = Only available is the standard housing/flange made of PVC
Material of other parts is selective.
Diameter of Electrode = Φ6 only
Quantity of Electrode = up to 5 rods, 6-rod type is KF-680-6.

Special Specification / High temp, High pressure, others

KFB640-□

Quantity of Electrode = 1, 2, 3, 4

Specification = Terminal box fixing = Bolt on flange

Flange dimensionstable = 50A, 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.

Number / Length of Electrode

TAG.No	NBR	n = POLE	Shor test ← → Longest						
			L 1	L 2	L 3	L 4	L 5	L 6	L 7

Line of business

- Rotary Paddle Type Level Switch
- Vibration Type Level Switch
- Swing Type Level Switch
- Acoustic Level Switch
- Capacitance Type Level Switch
- Capacitive Proximity Sensor
- Capacitance Type Level Indicator
- Diaphragm 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 Type Level Indicator
- Ultrasonic Type Level Indicator
- Equipments For Conveyor Lines
- Dust Monitor System
- Zirconia Oxygen Analyzer
- Laser Type Level Indicator
- RADAR Type Level Indicator
- On-line Sensors for Accurate Liquid Analysis
- Ultrasonic Flow meter

*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.

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