

Best Products



General Catalogue

EDITION

14_A

Powder Level Switch
Powder & Liquid Level Switch
Non-Contact Level Meter
Flow Sensor
Contact Level Meter
Liquid Level Meter & Switch
Conveyor Peripherals
Environment Measurement Instrument
Special Measurement Instrument



Corporate Philosophy

Aiming for A RAISON D'ETRE indispensable to the betterment for life of mankind with
OUR ZEAL AND OUR ORIGINAL TECHNOLOGY

Management Creed

「Zeal and Originality」

PASSION above all can be a foundation for strength.

Exerting our knowledge and making the impossible come true in the firm belief that
our possibilities may be expanded infinitely

ORIGINALITY can pave a new path.

Exerting our technical capabilities and turning adversity to leap in the hope that
our dream may come true.

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Powder Level Switch

■ Swing Type Level Switch

conform to
RoHS

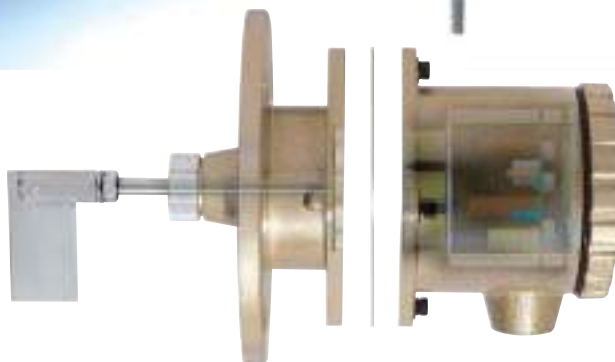


Epoch-making product of Powder level detection.

Newly developed "SWING MASTER"
Future standard level switch for powder.



Swing!!



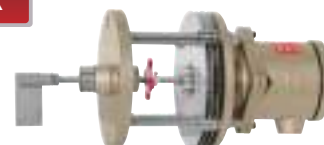
One and only development for
Powder Level Switch, based on
our extensive experiences.

SWM Series SWINGMASTER®

Highly functional as well as cost effective.
Versatile enough to be used for any applications.



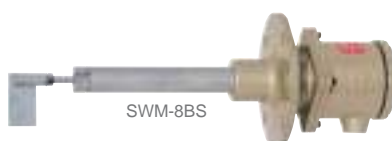
SWM-8B



SWM-8BH



SWM-8BSC



SWM-8BS

Class leading power supply (100 – 240VAC), Universally applicable.

Powder Granules

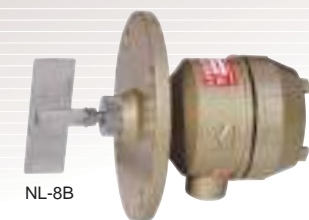
Powder Level Switch

Rotary Paddle Type Level Switch

NL/NM Series Standard type for detecting powder, versatile usages.

STANDARD
★★★★★

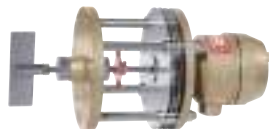
24VDC Power Adaptive



NL-8B



NL-8BS



NL-8BH



NM-8B

FL-GM Series

Flame-proof
d2G4



FL-GM

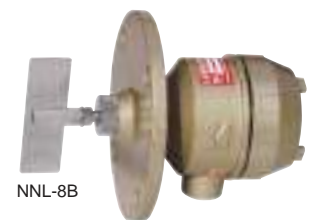


Powder Granules

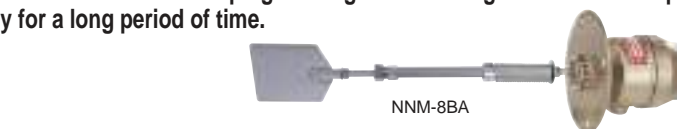
NNL/NNM Series Expendable parts in a motor removed and developing the original switching structure developed. Motor unit operates reliably for a long period of time.

LONGSPAN
★★★★★

Reversible Paddle
Type



NNL-8B



NNM-8BA



NNL-8BH



Powder Granules

LEMICON Series Compact, light weight, and lowest price on top of high efficiency and quality.

COMPACT
★★★★★

Extremely Compact
Type



LS



LS-H



LS-S



Powder Granules

Microwave Type Level Switch

MWS2-24TN/24RN Type

The attenuation of microwave detects levels of powder, granules and blocks as well as pulverized materials. Heat-resistant type is available.



MWS2-24TN



MWS2-24RN

Transmission of 24GHz
enables to detect widely and sharply.

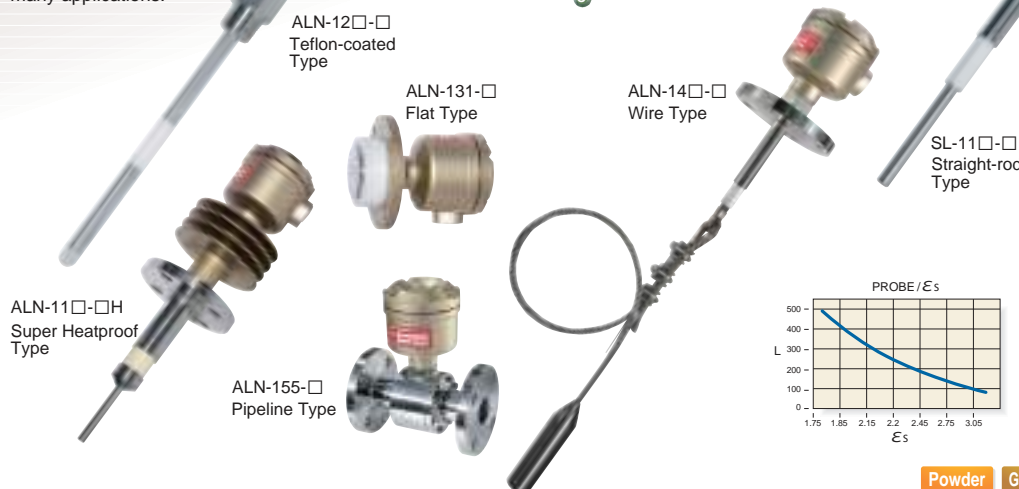
Powder Granules Lump

Powder & Liquid Level Switch

Capacitance Type Level Switch

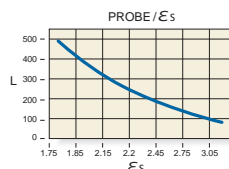
ALN Series

Extremely high-stable & reliable detection
Versatile level switch
being used for
many applications.



SL Series

Certified as the Intrinsically Safe Explosion-proof can be accommodated to any shape of electrode.



Powder Granules Liquid Surface Interface

Vibration Type Level Switch

KVK Series

A single vibrating probe realizes as delicate vibration as tuning fork.
High reliable detection and various product line.

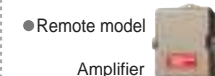
High Sensitivity Type



KVA/KVF Series

Our own technology has made it possible to line up series of withstand-load probe that can still come with delicate vibration.

Withstand Load Type



KVS Series

Intrinsically safe i2G 4

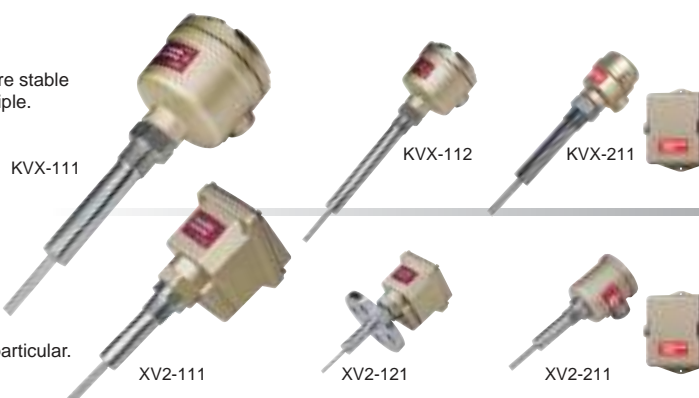


Powder Granules Liquid Underwater Solid

KVX Series

Pursuing simple operation.
Our own technology realizes more stable vibration with new physical principle.

Compact



XV2 Series

Extremely compact and light suitable for such a place as the compact size is required in particular.

Extremely Compact Type

Powder Granules Liquid

Non-Contact Level Meter

■ Ultrasonic Type Level Indicator

KHD 1200



Realize a further stable measurement with a DSP installed

KHD 353/323



Low cost level meter with DSP (KHD353)
Low cost model of Two-wire system (KHD323)

Powder Granules Liquid

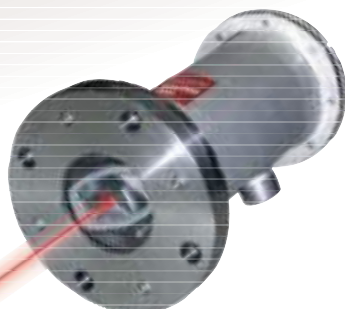
■ Laser Type Level Indicator

Best suitable for non-contact measurement at the places where it is highly difficult or dangerous to measure!



LASER RANG-L

It measures levels by pinpoint in utilizing semiconductor laser. The maximum range is 30 meters.



LASER RANG-S

Extremely compact Laser Type Level Meter that can measure up to 10 meters by pinpoint.



Compact

Powder Granules Liquid

Flow Sensor

■ Microwave Type Flow Sensor



KFD-1/KFD-2

24GHz helps this sensor be highly sensitive and reliable. It does not overlook even a grain.

Powder Granules

■ Particle Flow Sensor



KDS-1

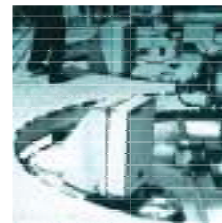
Concentration Monitoring of exhausted dust and minute particles and detecting flow/no flow.

Powder Granules

Contact Level Meter

Sounding Type Level Indicator

Various product lines.
They can be applied to all processes, and they are the best selling lines for their reliability.



KSL-T2

SPAN:MAX40m

Standard

Powder

Granules

Lump

Underwater Solid



CPU built-in models. Upgraded models are all weathertight constructions with aluminum casting body.



KSL-T8

SPAN:MAX40m

Build-in CPU

Powder

Granules

Lump

Underwater Solid

KSL-MT

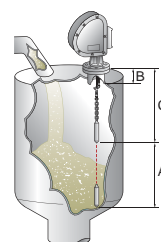
SPAN:MAX20m

Build-in CPU

Powder

Granules

Underwater Solid



A. Measuring Range
B. Height of Nozzle
C. Roll-up Position

KSL-W3T

SPAN:MAX20m

Standard

Powder

Granules

Underwater Solid



KSL-W2B

SPAN:MAX20m

Standard

Powder

Granules

Underwater Solid



It can be applied to hazardous areas

KSL-GT

SPAN:MAX30m

Flame-proof

Exd II BT4

Powder

Granules

Lump

Underwater Solid



Optional Units



KSLAU
Control Unit



PSC
P/I
Converter

Optional Units



KSLAU
Control Unit



PSC
P/I
Converter

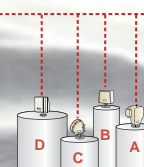
Sounding Type Level Indicator Controls

A controller controls many units (4 for DS4 and 8 for DS8). Selecting a tank with one-touch operation. Memory function is equipped.

Microprocessor Control System



KSL-DS4



KSL-DS8

Contact Level Meter

Capacitance Type Level Indicator

No moving part. It can be applied to any processes.
Best selling line in continuous measurement

Electrode - Amplifier
Remote Type

KLI Series

KLI-4□□
Cable with
TEFLON-coating



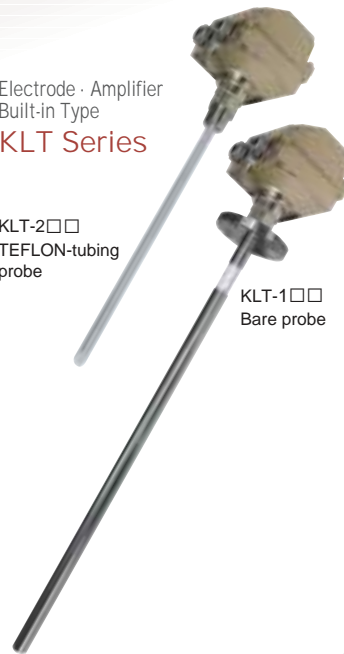
KLI-2□□
TEFLON-tubing
probe

Amplifier

Electrode - Amplifier
Built-in Type

KLT Series

KLT-2□□
TEFLON-tubing
probe



KLT-1□□
Bare probe

Various kinds of electrode that
can be provided for
hazardous places.

Intrinsically safe
explosion-proof model

KLG Series

Intrinsically safe
(i)2G4

KLG-2□□
TEFLON-tubing
probe



Safety barrier

Amplifier

Unaffected by static
electricity



Unaffected by
buildup



Agitating vessel



Interfacial detection
of two liquids



Option
Meter Relay
LV1000-AI-A2



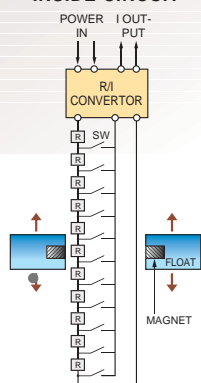
Powder Granules Liquid Surface Interface

Vertical Float Type Level Indicator

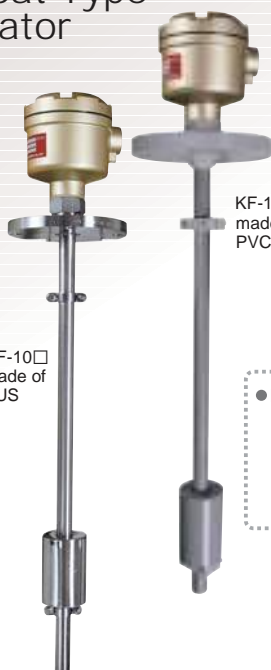
KF-100 Series

It is not at all affected by
environmental conditions
such as material changes,
gas and so on. Pioneer
of Liquid Level Indicator

INSIDE CIRCUIT



KF-10□
made of
SUS



KF-13□
made of
PVC

Remote model



Amplifier

FLC-d

Ex explosion proof on technical
standard (IEC resistration)

A lot kinds of material variation enables
various liquids measurement in hazardous area.

Intrinsic safety
Exia CT5



Power/Amplifier

Safety barrier

[Explosion proof type]



Liquid Surface Interface

Liquid Level Meter & Switch

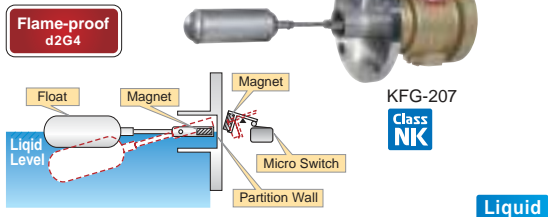
Horizontal Float Type Level Switch

Many products upgraded depending on application and installation. Best selling line for its reliability.

KF200 Series



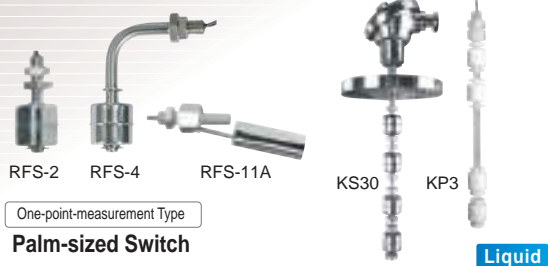
KFG200 Series



Compact Float Switch

Multi-point-measurement Type

Most ideal for an ultra-small tank



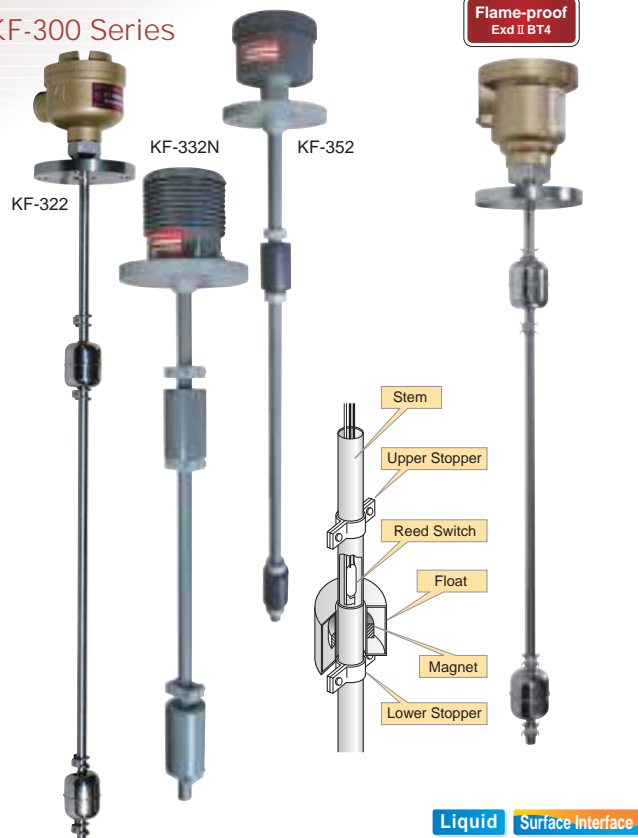
Vertical Float Type Level Switch

These can be applied to all processes with various sizes and materials.

KFE-3000 Series

Flame-proof Exd II BT4

KF-300 Series



Diaphragm Type Level Switch

KF500 Series

Can be used for viscous liquids as well as high temperature liquids. Diaphragm can reliably detect level.



Electrode Type Level Switch

KF-600 Series

Various materials of electrode can satisfy any applications.



Multi-point Ball Float Switch/ KARI Float Switch



It perfectly detects levels of wastewater and viscous liquids with its incomparable buoyancy.

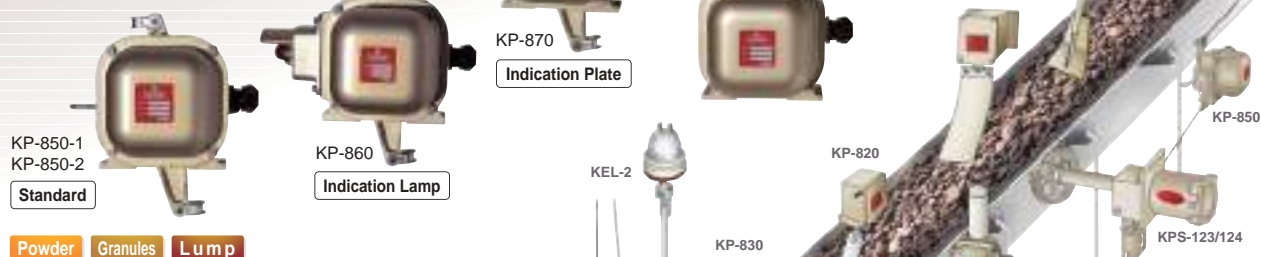
Liquid

Conveyor Peripherals

Conveyor Peripherals Switch

KP-800 Series

Ensuring safety operation of Conveyor Lines



Powder Granules Lump

Leak Type Level Switch

KEL-2 Series

No moving part.
Suitable for measuring sand.
Applicable to aggregate, limestone and so on.



Powder Granules Lump

Tilt Switch

Simple mechanical construction
tough enclosure.
Level measurement with simple
and reliable operation



TC Series

Powder Granules Lump

PL-910

PL-920

PL Series

Speed Detector

Reliably catching changes of conveyor speed,
preventing motor and other components from
being damaged.

KPS Series

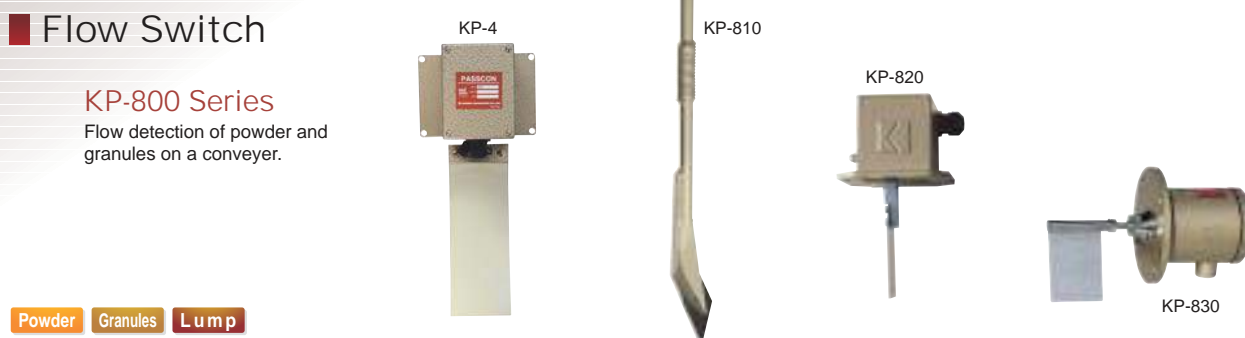


Powder Granules Lump

Flow Switch

KP-800 Series

Flow detection of powder and
granules on a conveyor.



Powder Granules Lump

Special Measurement Instrument

■ Ultrasonic Sludge Blanket Level Meter

KWS100 Series

Continuous measurement of sludge blanket level in sedimentation tank, thickener etc.

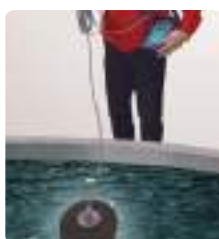
KWS100-S

Reliable detection unclear sludge with unique algorithm.



KWS100-P

Portable Type



■ Ultrasonic Sludge Density Meter

KWS200

Sludge density measurement in every application with 3 kinds of probes.



Probes



S2-S
(spool piece)



S2-C
(clamp on)



S2-T
(tank mount)

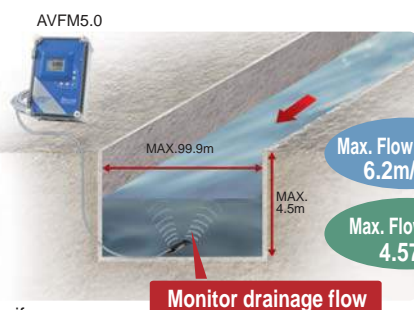
■ Ultrasonic Area-velocity Flow Meter

Velocity and level measurement in the channel with one sensor.
Continuous monitoring for open channels and pipes.



AVFM5.0

Can calculate flow at channels only if you place the sensor.
Flow calculation available by placing the sensor in the channel.



Monitor drainage flow



Stingray 2.0

Portable Type

■ Ultrasonic Liquid Flow Meter

[Transit time type]

For clear water

Transit Time Flow Meter TTFM1.0

Stationary Type



Clamp on model for wide applications
Pipe diameter: $\Phi 12 \sim 1200\text{mm}$

Transit Time Flow Meter PTFM1.0

Portable Type



Ultraflow U1000-U

Sensor built-in Type

Sensor integrated model
Pipe diameter: $\Phi 20 \sim 110\text{mm}$



[Doppler]

For turbid water



Doppler Flow Meter DFM5.1

Applicable pipe size:
 $\Phi 12.5$ to $\Phi 4500\text{mm}$

Stationary Type

Doppler Flow Meter PDFM5.1

Applicable pipe size: $\Phi 12.5$ to $\Phi 4500\text{mm}$

Portable Type



Doppler Flow Switch DFS5.1

Applicable pipe size:
 $\Phi 12.5$ to $\Phi 4500\text{mm}$

Special Measurement Instrument

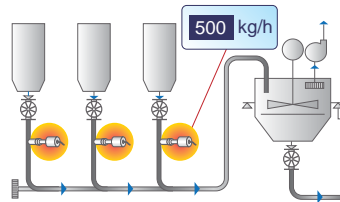
Solid Mass Flow Measurement

Solid Flow 2.0

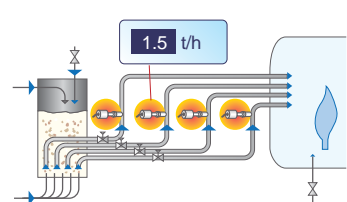
Available for powder or granules of particle size from 1nm to 10mm. Online measurement up to a maximum flow rate of 20 t/h.



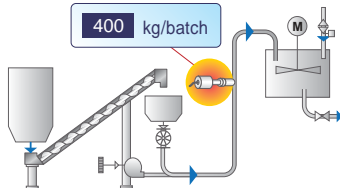
Blending process



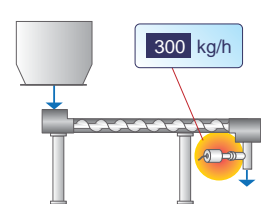
Fuel supply process



Speed control of a screw conveyor



Optimization of dosing process



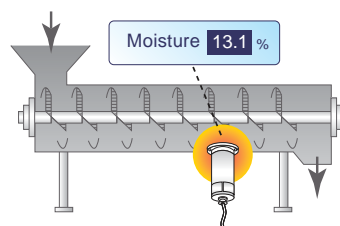
Online Residual Moisture Measurement

M-Sens 2

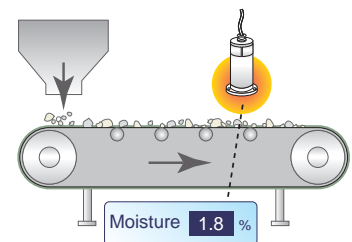
Measure moisture of all kinds of solids in real time. Optimum management of process and product quality.



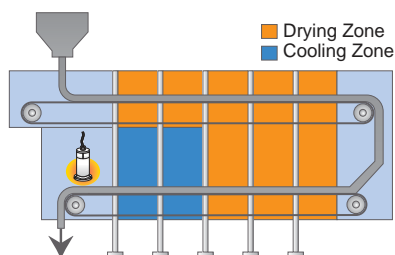
Screw Conveyor



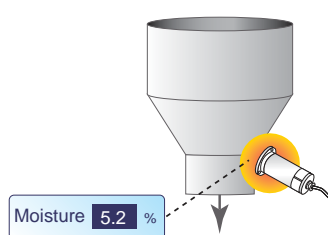
Belt conveyor



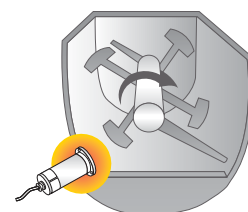
Drying conveyor control



Tank bottom



Mixing process



Certified Explosion-proof Instruments: Usable Range of Explosive Gas

National Standard

d 2 G4

Ignition level : G1-G5

EXP-proof grade : 1-3

EXP-proof construction

d : Withstand pressure Exp-proof

e : Safety-increased EXP-proof

i : Intrinsic Safety EXP-proof

f : Pressurized construction

o : Oil filled EXP-proof

s : Special EXP-proof

International Standard

Ex d IIB T4

Surface Temp. Class: T1-T6

Surface industries: IIA, IIB, IIC

Flameproof enclosure type

Explosion-proof equipment (IEC)

g : Withstand pressure Exp-proof

e : Safety-increased EXP-proof

ia, ib : Intrinsic Safety EXP-proof

p : Pressurized construction

o : Oil filled EXP-proof

Ignition Temp. of Explosive Gas	Over 450°C	Over 300°C Below 450°C	Over 200°C Below 300°C	Over 135°C Below 200°C	Over 100°C Below 135°C	Over 80°C Below 100°C
Temperature Grade	T1	T2	T3	T4	T5	T6
Ignition Level	G1	G2	G3	G4	G5	G6

Chemical Resistance Table

Chemicals	Material					
	PVC	PA	PP	FEP	PFA	SUS
Acetone	x	x	x	A	A	A
Aniline	x	B	B	A	A	A
Amyl alcohol	B	B	B	A	A	–
Ammonia water (10%)	B	A	A	A	A	A
Ammonia water (28%)	B	A	A	A	A	A
Isopropyl alcohol	B	B	B	A	A	A
Ethyl alcohol (50%)	B	A	B	A	A	A
Ethyl alcohol (95%)	B	B	B	A	A	A
Ethyl glycol	B	A	A	A	A	B
Zinc chloride	A	A	A	A	A	x
Aluminum chloride	A	A	A	A	A	x
Ammonium chloride	A	A	A	A	A	–
Kalium chloride	A	A	A	A	A	x
Calcium chloride	A	A	A	A	A	B
Ferric chloride	A	A	A	A	A	x
Magnesium chloride	A	A	A	A	A	B
Methylene chloride	x	x	x	A	A	B
Hydrochloric acid (10%)	A	A	A	A	A	x
Hydrochloric acid (35%)	A	A	A	A	A	x
Perchloric acid	B	B	B	A	A	x
Hydrogen peroxide (10%)	A	A	A	A	A	B
Hydrogen peroxide (3%)	A	A	A	A	A	A
Potassium permagnate	A	A	A	A	A	B
Formic acid	A	A	A	A	A	x
Xylene	x	x	x	A	A	A
Citric acid	A	A	A	A	A	A
Cresol	A	x	x	A	A	A
Chromic acid (10%)	B	B	B	A	A	x
Chromic acid (50%)		x	x	A	A	x
Chloroform	x	x	x	A	A	A
Acetic acid (50%)	A	A	A	A	A	A
Acetic acid (80%)	A	B	B	A	A	x
Acetic ether	x	x	x	A	A	B
Sodium hypochlorite	A	B	B	A	A	A
Carbon tetrachloride	x	x	x	A	A	B
Dimethylformamide	x	A	A	A	A	A
Oxalic acid	A	A	A	A	A	x

Chemicals	Material					
	PVC	PA	PP	FEP	PFA	SUS
Nitric acid (10%)	A	A	A	A	A	x
Nitric acid (50%)	B	A	A	A	A	x
Caustic silver	A	A	A	A	A	B
Sodium nitrate (10%)	A	A	A	A	A	A
Vegetable oil	B	A	A	A	A	A
Sugared water	A	A	A	A	A	A
Sugared water (alkali)	A	A	A	A	A	B
Potassium hydroxide (45%)	A	A	A	A	A	B
Potassium hydroxide (5%)	A	A	A	A	A	B
Sodium hydroxide (1%)	A	A	A	A	A	B
Sodium hydroxide (10%)	A	A	A	A	A	B
Sodium hydroxide (50%)	A	B	B	A	A	B
Stearic acid	A	B	B	A	A	A
Oil	B	x	x	A	A	A
Ammonium carbonate	A	A	A	A	A	A
Sodium carbonate	–	A	A	A	A	A
Kerosene	A	x	x	A	A	A
Toluene	x	x	x	A	A	A
Lactic acid	A	A	A	A	A	A
Picric acid	B	B	B	A	A	x
Phenol (50%)	–	A	A	A	A	A
n-butyl alcohol	A	A	A	A	A	–
Hydrofluoric acid (10%)	A	A	A	A	A	x
Hydrofluoric acid (50%)	A	A	A	A	A	x
Benzene	x	x	x	A	A	A
Boric acid	A	A	A	A	A	A
Formaldehyde (gas)	B	A	A	A	A	B
Methyl alcohol	B	A	A	A	A	A
Methyl ethyl ketone	x	x	x	A	A	A
Sulfuric acid (10%)	A	A	A	A	A	x
Sulfuric acid (50%)	B	A	A	A	A	x
Sulfuric acid (98%)	B	A	A	A	A	x
Ammonium sulfate	A	A	A	A	A	B
Phosphoric acid (10%)	A	A	A	A	A	B
Phosphoric acid (50-80%)	B	A	A	A	A	B
Ammonium phosphate	A	A	A	A	A	B
Sodium phosphate	A	A	A	A	A	–

A = Good B = dependent on conditions x = Unusable

Characteristic Table of Fluorocarbon Resin

Abbreviation	PTFE (4F)	FEP (6F)	PFA	PVDF (2F)
Name	Polytetra Fluoro Ethylene	Perfluoroethylene-Propylene Copolymer	Tetrafluoroethylene-Perfluoroalkoxy Vinyl Ether Copolymer	Polyvinylidene Fluoride
Continuous Temp. Limit (°C)	260	200	260	150
Pull Strength (Mpa)	13.7 – 34.3	16.6 – 21.6	27.5 – 29.4	24.5 – 50.0
Affected by weak acid	No	No	No	No
Affected by strong acid	No	No	No	Corroded by fuming sulfuric acid
Affected by weak alkali	No	No	No	No
Affected by strong alkali	No	No	No	No
Affected by organic solvent	No	No	No	Almost resistant
Affected by direct sunlight	No	No	No	No
Application-Features	Anti-corrosion materials for chemical-plant fixtures, non-adhesive applications, non-greased bearings and electric insulation of jet aircrafts.		Machinery parts requiring anti-corrosion, intensity and transparency.	Anti-corrosion and electric insulating materials requiring flammability
Models applied	<ul style="list-style-type: none"> Insulator for Capacitance model Insulator for Dust Monitor 	<ul style="list-style-type: none"> Teflon-tube for Capacitance model (Standard: Max 120°C) 	<ul style="list-style-type: none"> Teflon-tube for Capacitance model (Special : Max 150°C) Wire-tube for Capacitance model 	<ul style="list-style-type: none"> Transmitting device for Ultrasonic Transmitter

*The above characteristic table shows the features of fluorocarbon resin alone. When it is incorporated into a product, its heat resistant temperature and strength may be varied so that the performance level. may be maintained

Table of Recommended Sensitivity and Specific Inductive Capacity for Capacitance Type Level Switch

	Name of Object	SIC	S
A	Acrylic Rubber	4	1
	Acetate	3.2~7.0	1
	Acetic acid	6.1~6.7	1
	Acetic anhydride	22	2
	Acetum,	38	2
	Acrylic Resin	2.7~4.5	1
	Alcohol	16~31	2
	Aluminum fluoride	2.2	1
	Amber	2.8~2.9	1
	Aminoalkyl Resin	3.9~4.2	1
	Ammonia	15~25	2
	Amyl ether	3.1	1
	Aniline	6.9	1
	Arboreous cotton	1.3~1.4	1
	Asbestos	3.0~3.6	1
	Asbestos	3.0~3.5	1
	Asphalt	2.5~3.2	1
B	Bakelite	3.5~4.5	1
	Balm grounds	3.1	1
	Barley bran	1.8	1
	Barley flour	3.0~4.0	1
	Barley grain	3.0~4.0	1
	Barley hull	1.5	1
	Beeswax	2.5~2.9	1
	Benzene	2.3	1
	Benzine	2.3	1
	Benzyl alcohol	13	2
	Bone dust	5.0~6.0	1
	Borosilicic acid glass	4.5~6.2	1
	Bran	1.4~2.0	1
	Butanol	16~17	2
	Butyl alcohol	11	2
	Butyl chloride	7.4	1
	Butylaldehyde	13	2
	Butylnitryl	20	2
C	Calcite	8.3	1
	Calcium	3	1
	Calcium Carbonate	2.0~3.5	1
	Calcium hydroxide	2.0~3.5	1
	Calcium oxide	12	2
	Calcium phosphate	1.6~1.9	1
	Calcium sulfate	2.5~6.0	1
	Carbon bisulfide	2.6	1
	Carbon dioxide	1.6	1
	Casein resin	6.0~7.0	1
	Casting sand	3.4~3.5	1
	Cellophane	3.2~6.4	1
	Cellulose	3.2~7.5	1
	Cellulose acetate	3.2~7.0	1
	Cement powder	5.0~10	1
	Ceramic	4.0~7.0	1
	Cereal	3.0~8.0	1
	Charcoal	1.2~1.8	1
	CHCH3	12	2
	Chloride of lime	1.8~2.0	1
	Chlorobenzene	5.5~6.3	1
	Chloroform	4.8	1
	Chlorotoluene	4.0~4.5	1
	Chocolate	3.0~4.0	1
	Chrome	12	2
	Chromite	4.0~4.2	1
	Clay	1.8~2.8	1
	Coal	4	1
	Cocoa grounds	2.5~3.5	1
	Coffee grounds	2.4~2.6	1
	Compound	3.6	1
	Copper oxide	18	2
	Corn	5.0~10	1
	Corn husk	2.3~2.6	1

	Name of Object	SIC	S
	Cotton-seed oil	3.1	1
	Cresol	9.0~11	2
	Crude oil	2.48	1
	Crystal	3.5~4.7	1
	Curry powder	2.6	1
	Cyclohexane	19	2
D	Decanol	8.1	1
	DEP dimethy	4.5~5.6	1
	Diallyl phthalein resin	3.3~6.0	1
	Diamond	2.2	1
	Dichloroethylene	4.6	1
	Diesel oil	1.8	1
	Diethyl ether	4.3	1
	Dolomite	8	1
E	Epoxy resin	2.5~6.0	1
	Ethanol	24	2
	Ethyl acetate	6.0~6.4	1
	Ethyl ether	3.9~4.3	1
	Ethyl iodide	7.8	1
	Ethyl toluene	2.2	1
	Ethylene dichloride	11~17	2
	Ethylene glycol	37	2
	Ethylene iodide	3.4	1
	Ethylene oxide	4.0~5.0	1
F	Ethylene resin	2.2~2.3	1
	Ethylene terafluoride	1.9~2.0	1
	Feeding stuff	38	2
	Feldspar porcelain	5.0~7.0	1
	Ferric oxide	14	2
	Ferromanganese	5.0~5.2	1
	Fiber	2.5~7.5	1
	Flour	2.5~3.0	1
	Fluid margarine	2.8~3.2	1
	Fluorine rubber	6.8~8.0	1
G	Fluorite	6.8	1
	Fly ash	1.5~1.7	1
	Formaline	23	2
	Formamido	109	2
	Formic acid	58	2
	Freon	2.2	1
	Gasoline	2.0~2.2	1
	Glass	3.7	1
	Glass (granulated)	6.0~7.0	1
	Glass-silicon board	3.5~4.2	1
H	Glycerin	47~68	2
	Glycol	35~40	2
	Granulated gelatine	2.6~2.7	1
	Granulated sugar	1.5~2.2	1
	Graphite	12~15	2
	Gravel	5.4~5.6	1
	Grout	3.0~5.0	1
	Gum	2.7~2.9	1
	Heavy oil	3	1
	Helium	1.1	1
I	Heptanal	13	2
	Heptane	1.9~2.0	1
	Hexane	5.8~6.3	1
	Hexanol	13	2
	Hydrochloric acid 100%	4.0-12	1
	Hydrofluoric acid	11~17	2
	Ink	2.5	1
	Iodine	11	2
	Isobutyl alcohol	18~40	2
	Isobutyl amine	4.5	1
K	Ivory	6.9	1
	Kerosene	1.8	1
L	Lactonitrile	38	2
	Lead carbonate	18	2
	Lead glass	7.0~10	1

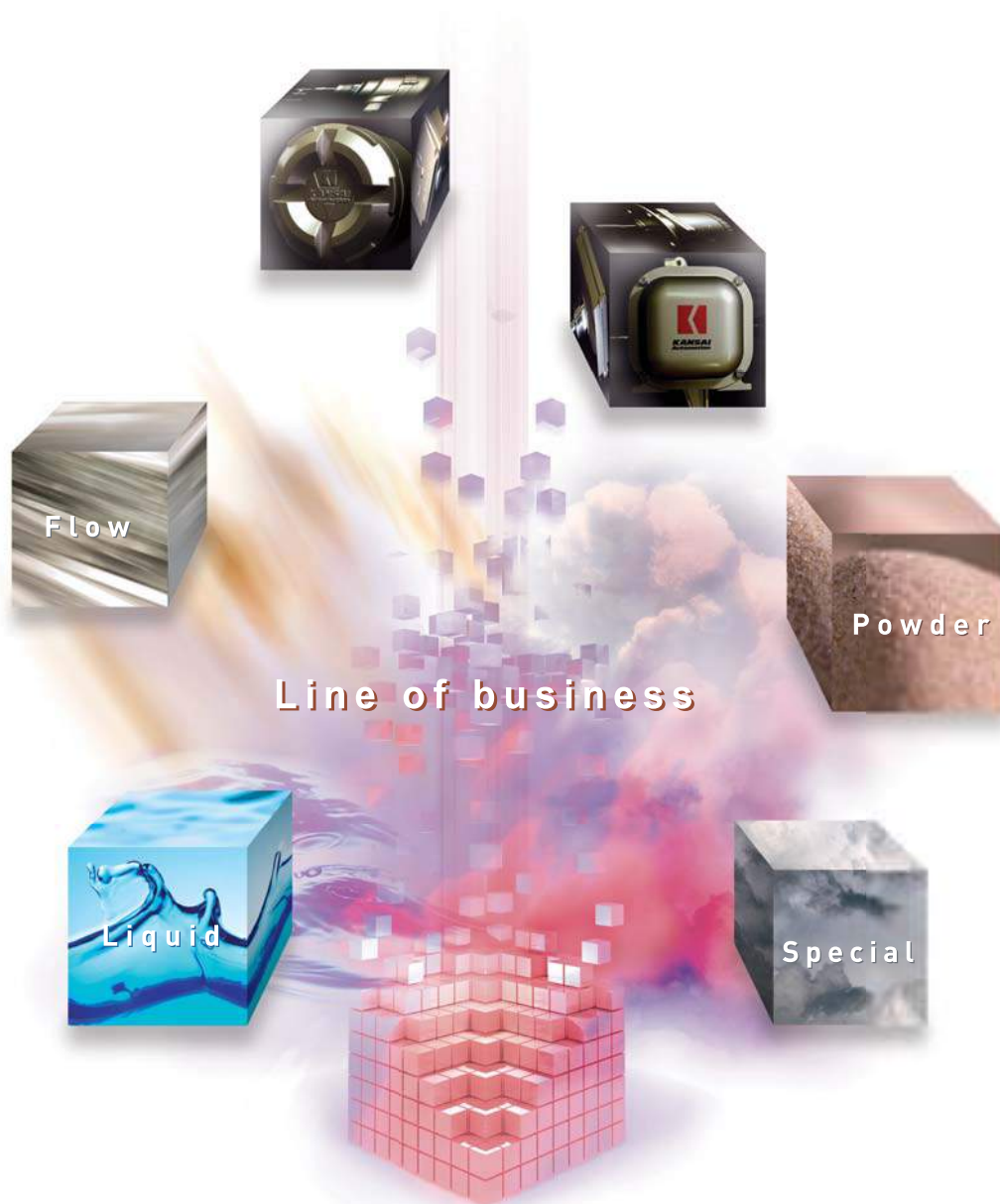
SIC - Specific Inductive Capacity S - Sensitivity

*Please be advised that recommended SENSITIVITY depends on the conditions of the object to be measured, environments/temperature, and the shape of the electrode or its mounted conditions.

Table of Recommended Sensitivity and Specific Inductive Capacity for Capacitance Type Level Switch

	Name of Object	SIC	S
M	Lead nitrate	38	2
	Linoleic acid	2.6~2.7	1
	Lumber, dried	2.0~6.0	1
	Lumber, wet	11~30	2
	Magnesium oxide	9.6	1
	Magnesium sulfate	8.2	1
	Manganese dioxide	5.0~5.2	1
	Marble	3.5~9.3	1
	Melamine resin	4.7~11	1
	Menthol	3.9	1
	Metane	1.7	1
	Methacrylic resin	2.2~3.2	1
	Methanol	33	2
	Methyl aniline	5.9	1
	Methyl ether	5	1
	Methyl iodide	7	1
	Methyl nitrate	24	2
	Methylamine	9.4	1
N	Mica	5.0~9.0	1
	Mica	2.6~3.2	1
	Micanite	1.8~2.6	1
	Mineral oil	2.0~2.5	1
	Molasses	50~80	2
	Morpholine	7.3	1
	Na2CO3	8.7	1
	Naphthalene	2.5	1
	Natural rubber	2.7~4.0	1
	Neoprene	6.0~9.0	1
	Nitrobenzene	36	2
	Nitrocellulose	6.2~7.5	1
O	Nylon	4.0~5.0	1
	Oil	2.0~2.2	1
P	Paint or the like	5.0~8.0	1
	Palmitic acid	70	2
	Paper	2.0~2.5	1
	Paraffin	1.6~1.9	1
	Paraffin	2.4~6.5	1
	Paste	1.7~1.8	1
	Pentanol	14	2
	Pentanone	15	2
	Petrolatum	2.2~2.9	1
	Phenol	9.8	1
	Phosphor	4	1
	Phthalic acid	5.0~6.3	1
	Picoline	9.8	1
	Pine oil	2.5~2.6	1
	Pine resin	1.5~1.8	1
	Piperidine	5.8	1
	Plywood	2.0~2.6	1
	Poly-ether chloride	2.9	1
	Polyacetal	2.6~3.7	1
	Polyamide	2.5~2.6	1
	Polybutylene	2.2~2.3	1
	Polycarbonate	2.9~3.0	1
	Polyester resin	2.8~8.1	1
	Polyethylene	2.2~2.4	1
	Polyethylene, pellet	1.5	1
	Polypropylene	1.5~1.8	1
	Polystyrol	2.0~2.6	1
	Polyvinyl acetate resin	2.7~6.1	1
	Polyvinyl alcohol	1.9~2.0	1
	Polyvinylidene chloride	4.5~6.0	1
	Polyvinylidene fluoride	8.4	1
	Powdered coal	2.0~4.0	1
	Propane	1.6	1
	Propionaldehyde	19	2
	Propyl alcohol	32	2
	Propyl butyrate	4.3	1
	Pyrex	4.8	1

[illegible]



- 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
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K KANSAI Automation Co.,Ltd.

Headquarters: TEL. 81-6-6312-2071 FAX. 81-6-6314-0848

URL <http://www.kansai-automation.co.jp>

e-mail: info@kansai-automation.co.jp



Headquarters: 2-14, Togano-cho, Kita-ku, Osaka530-0056, Japan

Tel 81-6-6312-2071

Fax 81-6-6314-0848

Tokyo Branch: 1-29-6, Hamamatsu-cho, Minato-ku, Tokyo105-0013, Japan

Tel 81-3-5777-6931

Fax 81-3-5777-6933

Nagoya Office: 3-10-17, Uchiyama, Chigusa-ku, Nagoya464-0075, Japan

Tel 81-52-741-2432

Fax 81-52-741-1588

Kyushu Office: 1-1-21, Komemachi, Kokura Kita-ku, Kitakyushu802-0001, Japan

Tel 81-93-511-4741

Fax 81-93-511-4580

Agent

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SCIGATE AUTOMATION (S) PTE LTD

No 1 Bukit Batok Street 22 #01-01 Singapore 659592
Tel: (65) 6561 0488 Fax: (65) 6561 0588
Email: sales@scigate.com.sg Web: <https://scigate.com.sg/>
Business Hours: Monday - Friday 8:30AM - 6:15PM

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

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