



Level Indicators



*A complete line of indicators and accessories
designed for all your level monitoring requirements.*

BETTER BY DESIGN

Auto-Set™

A user friendly, reliable point level indicator for bulk granular solids, powders and liquids. Digital display, push-button calibration and material build-up compensator make this unit the elite point level sensor.



Model	AT57	AT57 With Extended Power Shield	AT57 Flush Probe
Description	RF capacitance point level indicator	RF capacitance point level indicator for thick-walled silos	RF capacitance heavy-duty plugswitch
Features	<ul style="list-style-type: none"> • Push button calibration • Digital display • Internal timer • Automatic material build-up compensator • Attachable SS probes 	<ul style="list-style-type: none"> • Push button calibration • Digital display • Internal timer • Automatic material build-up compensator, 12 or 16 inches long • Attachable SS probes 	<ul style="list-style-type: none"> • Push button calibration • Digital display • Internal timer • Automatic material build-up compensator • No moving parts • 1/4" Stainless Steel Plate Probe • Inserts 1" to 2" into tank
Style	1-1/4 inch NPT mounting	1-1/4 inch NPT mounting	4 inch diameter probe with integral mount
Supply Voltage	120/240 VAC 24 VDC (universal supply)	120/240 VAC 24 VDC (universal supply)	120/240 VAC 24 VDC (universal supply)
Output	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts
Approvals	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available)
Applications	Material point level indication in silos, bins and other vessels. Plug condition in chutes and discharges.	Material point level indication in thick-walled concrete silos.	Plugswitch for conveyors, bucket elevators and surge hoppers.

Auto-Set™ Remote

A user friendly, reliable point level indicator for bulk granular solids, powders and liquids where there is high vibration and/or temperature involved. Remote electronic display/control unit allows for remote calibration/set-up away from vibration or heat.



Model	Auto-Set™ Remote Probe	Auto-Set™ Remote Control
Description	Polypropylene probe - 248° F (120° C) PEEK probe - 487° F (250° C)	Remote control unit with digital display and calibration push buttons
Features	<ul style="list-style-type: none"> • No moving parts • No electronic components • Automatic material build-up compensator • Attachable SS probes 	<ul style="list-style-type: none"> • Push button calibration • Digital display • Internal timer • DIN rail mountable
Style	1-1/4 inch NPT mounting thread	DIN rail mountable enclosure
Supply Voltage	From control unit	120/240 VAC 24 VDC (universal supply)
Output	To control unit	1 set of voltage-free changeover relay contacts
Approvals	• Europe - CE, ATEX (Available)	• Europe - CE, ATEX (Available)
Applications	Material point level indication in surge bins, vibratory feeders and high temperature processes.	Material point level indication in surge bins, vibratory feeders and high temperature processes.

Roto-Level Indicators

Rotary level indicators for point level indication of bulk granular materials in bins and silos. These electro-mechanical rotary units are simple to use and reliable. The Roto-Safe incorporates a sensor to detect that the paddle is rotating for failsafe monitoring. The Roto-Switch has an electronic circuit and power fail alarm relay. The RLI is the original basic low cost rotary level indicator with quality Swiss-made motor and gearbox.



Model	RLI™ SHAKE™	Roto-Safe™	Roto-Switch™	RLI
Description	Failsafe rotary level indicator	Failsafe rotary level indicator	General purpose rotary level indicator	Low-cost rotary level indicator
Features	<ul style="list-style-type: none"> Failsafe rotation detection Vertical extensions to 14 ft. are available Shaking action for shedding material build up Adjustable torque control Direct stepper motor drive No clutch and no gearbox Adjustable timer 	<ul style="list-style-type: none"> Failsafe rotation detection Glass-fiber reinforced nylon housing Vertical extensions to 14 ft. are available Sensitivity adjustment Adjustable timer Automatic power shut-off Dust hazard approved 	<ul style="list-style-type: none"> Glass-fiber reinforced nylon housing Vertical extensions to 14 ft. are available Power fail alarm Automatic power shut-off Relay contact output Heavy-duty version 	<ul style="list-style-type: none"> Glass-fiber reinforced nylon housing Vertical extensions to 14 ft. are available Automatic power shut-off Limit switch contact output Heavy-duty version
Style	Rotary level indicator with 1-1/4 inch NPT thread	Rotary level indicator with 1-1/4 inch NPT thread	Rotary level indicator with 1-1/4 inch NPT thread	Rotary level indicator with 1-1/4 inch NPT thread
Supply Voltage	120/240 VAC 24 VDC (universal supply)	120/240 VAC 24 VDC (universal supply)	120/240 VAC (universal supply)	120 VAC - must specify 240 VAC - must specify 12 VDC - must specify 24 VDC - must specify
Output	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts
Approvals	<ul style="list-style-type: none"> Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> US and Canada - Class II Div. 1 E, F, G Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> Europe - CE (Available) 	<ul style="list-style-type: none"> Europe - CE (Available)
Applications	Material point level indication in bins, silos, hoppers and other vessels where failsafe detection is required.	Material point level indication in bins, silos, hoppers and other vessels where failsafe detection is required, or for dust hazard areas.	Material point level indication in bins, silos, hoppers and other vessels.	Material point level indication in bins, silos, hoppers and other vessels.

Binswitch

A popular range of capacitance proxy level/plug detectors for detecting liquid and dry bulk granular material level in bins, silos, hoppers and chutes. This simple but robust point level indicator has no moving parts, is self-contained with all potted electronics, and can be used in areas of high vibration. The units are simple to install on the sides or tops of steel bins/hoppers and are small enough to be used as plug detectors in discharge chutes.



Binswitch
Shown without
Accessories



Binswitch
Shown with
Mounting
Accessories



Binswitch
Shown with
Extension and
Accessories

	Programmable Binswitch	Standard Binswitch	2-Wire Binswitch
Model			
Description	Capacitance proxy sensor with programmable features	Capacitance proxy sensor shown with BAS mount, A34NPT conduit adapter and conduit elbow	Capacitance proxy sensor shown with conduit adapter, extension, mounting plate and wiring box
Features	<ul style="list-style-type: none"> • User adjustable sensitivity • LED status lights • Internal timer • Failsafe relay adjustable for high or low level • Fully potted electronics • 6 ft. cable 	<ul style="list-style-type: none"> • User adjustable sensitivity • LED status lights • Fully potted electronics • 6 ft. cable • Relay contact output 	<ul style="list-style-type: none"> • User adjustable sensitivity • LED status lights • Fully potted electronics • 6 ft. cable • 2 wire device
Style	30 mm cylindrical	30 mm cylindrical	30 mm cylindrical
Supply Voltage	24 to 240 VAC 12 to 240 VDC (universal supply)	120/240 VAC - must specify 12 VDC - must specify 24 VDC - must specify	24 to 240 VAC 24 to 240 VDC (universal supply)
Output	1 set of voltage-free changeover relay contacts	1 set of voltage-free changeover relay contacts	2-wire output with maximum load of 200mA
Approvals	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available) 	<ul style="list-style-type: none"> • US and Canada - Class II Div. 1 E, F, G • Europe - CE, ATEX (Available)
Applications	Liquid and dry free flowing material level detection in bins, silos, hoppers and chutes.	Liquid and dry free flowing material level detection in bins, silos, hoppers and chutes.	Liquid and dry free flowing material level detection in bins, silos, hoppers and chutes.

ACCESSORIES

X400 Elite AlarmSwitch

Alarm panel with 8 multi-voltage inputs and alarm indication LED's for use with any type of level indicator.



Rotary Level Paddles

Complete range of stainless steel paddles for Roto-Level Indicators.



RLISP1

RLISP3 or
RLISP4

Mounting Plate

Powder-coated mild steel mounting plates with 1-1/4 inch NPT half or full coupling. Use with AutoSet, Tiltswitch, Roto-Level Indicators and Binswitches with adapters. (Also available in stainless steel.)



BMPA Mount

Urethane compression fitting mount for use with Binswitch. 1-1/4 inch NPT external thread.



BMPA

BAS Mount

Urethane abrasion shield/mount for use with Binswitch in high-abrasion applications or as a well for liquid tanks.



BAS

Clamp Mount

HDP clamp style mount for use with the Binswitch.



BSM3

Conduit Adapter

Anodized aluminum 30 mm to 3/4 inch NPT adapter for use with the Binswitch.



A34NPT

Gland Mount

Plastic gland mount for use with the Binswitch.



BMPG36

Conduit Elbows

Steel conduit elbows for use with the Binswitch.



CE34NPT

CU34NPT

*4B level indicators
are unsurpassed
in quality
and performance.*

Manufactured to ISO9001
quality standards, level indicators
also carry 3rd party approvals
for USA, Canada and Europe.



IECEx RoHS



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