



LEVEL CONTROL EQUIPMENT

3

LEVEL CONTROLLERS FOR STEAM BOILERS► ELK-4/ELK-4F



Box Panel	Aluminium Injection
Body	Stainless Steel 1.4517
Flange	Forged Steel 1.0460
Electrodes	Stainless Steel 1.4517
Electrode Insulation	PTFE
Intermediate Disc	PTFE
Connections	Flanged and threaded
Max. Operating Pressure	32 bar
Max. Operating Temperature	238°C
Control Type	On/Off

DIMENSIONS		
	(Threaded) DIN ISO 228/1	(Flanged) PN 40, DIN 2635
Size	¾" – 1"	DN50
Length (mm)	500	436
	1000	936
	1500	1436
	2000	

"Please contact our sales team for your special demand. Connection and length may change by request"

LEVEL CONTROLLERS FOR STEAM BOILERS► KP-01 CAPACITIVE LEVEL ELECTRODE



Body	Stainless Steel 1.4517
Box Panel	Aluminium Injection
Flange	Forged Steel 1.0460
Electrodes	Stainless Steel 1.4517
Electrode Insulation	PTFE
Intermediate Disc	PTFE
Connections	Flanged and threaded
Analog Output	4-20 mA or (0-10V)
Max. Operating Pressure	32 bar
Max. Operating Temperature	238°C

DIMENSIONS		
	KP01 (Threaded) DIN ISO 228/1	KP01-F (Flanged) PN 40, DIN 2635
Size	¾" – 1"	DN50
Length (mm)	300 - 2000	275 - 1975

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LEVEL CONTROLLERS FOR STEAM BOILERS► RC-11 LEVEL GAUGE WITH SIGHT GLASS



Body	Cast Iron GG-25
Frame	A105
Drain Plug and Liquid main Body	Cast Iron GG-25
Connections	Flange
Max. Operating Pressure	16 bar
Max. Operating Temperature	250°C

DIMENSIONS	
(Flanged) PN 16, PN 40	DN20 - DN25
Length (mm)	300 - 2500

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MAGNETIC LEVEL GAUGES► MGK-33

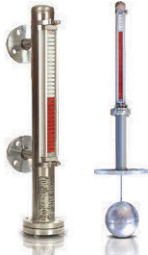


Body	Stainless Steel AISI 304 (opt. AISI 316)
Float	Stainless Steel AISI 316L
Magnetic Disc	Aluminium
Flange Material	Carbon Steel St. 37.2 / Stainless Steel (Optional)
Connections	Flange, BSP or NPT Threaded, Sleeve
Max. Operating Pressure	25 bar (Optional 40 bar)
Max. Permissible Temperature	200°C
Contact Signal	Yes
Drain Plug	1/2"

DIMENSIONS	
(Flanged) PN 16	DN15 DN20 DN25 DN32 DN40 DN50
Length (mm)	300 - 6000 (+)

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MAGNETIC LEVEL GAUGES► MG-33



Body	Stainless Steel AISI 304 (opt. AISI 316)
Float	Stainless Steel AISI 316L
Magnetic Disc	Plastic
Flange Material	Carbon Steel St. 37.2 (Optional Stainless Steel)
Connections	Flange, BSP or NPT Threaded, Sleeve
Max. Operating Pressure	16 bar
Max. Permissible Temperature	160°C
Contact Signal	Yes
Drain Plug	1/2"
Protection Class	IP66

DIMENSIONS	
(Flanged) PN 16	DN15 DN20 DN25 DN32 DN40 DN50
Length (mm)	300 - 6000 (+)

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MAGNETIC LEVEL GAUGES► MG-33P (PVC)



Body and Float	PVC
Magnetic Disc	Plastic
Flange Material	PP-V
Connections	Flange
Max. Operating Pressure	6 bar
Max. Permissible Temperature	70°C
Contact Signal	Yes

DIMENSIONS	
(Flanged) PN 6	DN20
Length (mm)	300 - 3000

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MAGNETIC LEVEL GAUGES ► **MG-33S SLIM TYPE**



Body	Stainless Steel AISI 304 (opt. AISI 316)
Float	Stainless Steel AISI 316L
Magnetic Disc	Plastic
Flange Material	Carbon Steel St. 37.2 (Opt. Stainless Steel)
Connections	Flange, BSP or NPT Threaded, Sleeve
Max. Operating Pressure	10 bar
Max. Permissible Temperature	160°C
Contact Signal	Yes
Drain Plug	3/8"
Protection Class	IP66



DIMENSIONS	
(Flanged) PN 10	DN15
	DN20
	DN25
	DN32
	DN40
	DN50
Length (mm)	300 - 3000

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MAGNETIC LEVEL GAUGES ► **MG-33SCV WITH SCALE AND VALVE**



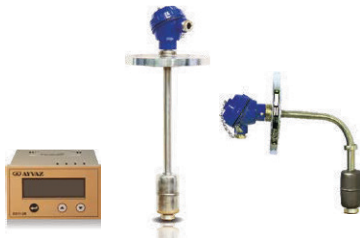
Body	Stainless Steel AISI 304 (opt. AISI 316)
Float	Stainless Steel AISI 316L
Magnetic Disc	Plastic
Flange Material	Carbon Steel St. 37.2 (Opt. Stainless Steel)
Connections	Flange, BSP or NPT Threaded, Sleeve
Max. Operating Pressure	10 bar
Max. Permissible Temperature	160°C
Contact Signal	Yes
Drain Plug	3/8"



DIMENSIONS	
(Flanged) PN 10	DN15
	DN20
	DN25
	DN32
	DN40
	DN50
Length (mm)	300 - 3000

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DIGITAL LEVEL SENSING ELEMENTS ► **EG-11**



Body	Stainless Steel AISI 304
Float	Stainless Steel AISI 316
Supply Voltage	220 VAC (24 V optional) / 2 W
Flange Material	Carbon Steel St. 37.2/Stainless Steel
Max. Permissible Temperature	-10/+125°C
Analogue Output	4-20 mA or (0-10V)
Max. Operating Pressure	16 bar
Connections	Flange, BSP or NPT Threaded
Accessories	Control Panel and Digital Display
Protection Class	IP68



DIMENSIONS	
(Threaded) BSP or NPT	Min 2"
(Flanged) PN 10	DN50 DN100
Length (mm)	300 - 3000

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ANALOGUE LEVEL SENSING ELEMENTS ► **AU-22**



Body	Stainless Steel AISI 304
Float	Stainless Steel AISI 316
Max. Permissible Temperature	-10/+125°C
Flange Material	Carbon Steel St. 37.2/Stainless Steel
Max. Switch Voltage	400 VAC/DC
Max. Operating Pressure	16 bar
Connections	Flange, BSP or NPT Threaded
Accessories	Control Panel with 4 contacts
Contact Types	N.O (Normally Open) - N.C (Normally Close)
Switch Capacity	N.O 60 VA - C.O
Switch Circuit	N.O 3.0 VA - C.O
Contact Quantity	N.O 6 max - C.O
Protection Class	IP68



DIMENSIONS	
(Threaded) BSP or NPT	2"
(Flanged) PN 10	DN50 DN100
Length (mm)	300 - 5000(+)

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ANALOGUE LEVEL SENSING ELEMENTS ► **AU-21**



Body	Stainless Steel AISI 304
Float	Stainless Steel AISI 316
Max. Permissible Temperature	-10/+125°C
Max. Switch Voltage	400 VAC/DC
Max. Operating Pressure	16 bar
Connections	3/8" Threaded
Min Density	0.8 kg/m³
Contact Types	N.O (Normally Open) C.O (Change Over)
Switch Capacity	60 VA
Switch Circuit	1.0 VA
Protection Class	IP68



DIMENSIONS	
(Threaded) BSP or NPT	Min 3/8"
Length (mm)	100 - 700

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ANALOGUE LEVEL SENSING ELEMENTS ► **AU-20**



Body	Stainless Steel AISI 304
Float	Stainless Steel AISI 316
Max. Permissible Temperature	-10/+125°C
Max. Switch Voltage	400 VAC/DC
Max. Operating Pressure	10/16 bar
Connections	3/8" Threaded
Min Density	0.8 kg/m³
Contact Types	N.O (Normally Open)
Switch Capacity	60 VA
Switch Circuit	3.0 VA
Protection Class	IP68



DIMENSIONS	
Threaded	3/8" - BSP/NPT

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FLOW SWITCHES► AK-100



Sheet Body	Stainless Steel
Cover	ABS
Gasket	NBR
Fittings Type	Female 1"
Fittings Material	Brass MS 56
Max. Liquid Pressure	11 bar
Max. Liquid Temperature	-30/+120°C
Micro Switches	15 (8) A-220V
Max. Pipe Diameter	10" (12" Optional)

DIMENSIONS	
Threaded	1"
Quantity of Adjustment Plates	5 pcs

FLOAT SWITCHES► C-4 ADJUSTABLE TYPE

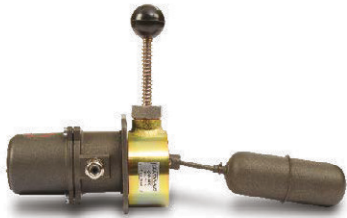


Float	Stainless Steel AISI 316L
Connections	Square Flange
Flange Material	Carbon Steel St. 37.2/Stainless Steel
Shaft	Aluminium Injection
Micro switches	16A
Contact Types	N.O (Normally Open) - N.C (Normally Close)
Max. Operating Pressure	6/16 bar
Max. Operating Temperature	150°C
Optional Coating	Complete Teflon

DIMENSIONS	
Square Flange (mm)	PN 6 94 x 94 x 5 PN 16 90 x 90 x 15
Length (mm)	From flange to the end of the float 250 mm



FLOAT SWITCHES► C-4 WITH CONTROL UNIT



Float	Stainless Steel 316L
Connections	Square Flange
Flange Material	Carbon Steel St. 37.2/Stainless Steel
Shaft	Aluminium Injection
Micro switches	16A
Contact Types	N.O (Normally Open) - N.C (Normally Close)
Max. Operating Pressure	6 bar
Max. Operating Temperature	150°C
Teflon coating is optional.	

DIMENSIONS	
Square Flange (mm)	94x94x15
Length (mm)	From flange to the end of the float 250 mm



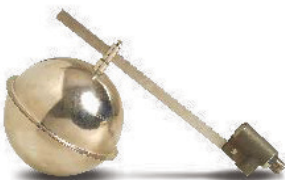
FLOAT SWITCHES► C-2



Float	Stainless Steel AISI 316L
Connections	BSP Threaded (Female)
Cover	ABS
Gasket	NBR
Micro switches	16A (Normally open or closed)
Max. Operating Pressure	6 bar
Max. Operating Temperature	125°C

DIMENSIONS	
BSP Threaded (Female)	1"
Length (mm)	From flange to the end of the float 170 mm

FLOAT VALVE► KTS-50



Float	Stainless Steel AISI 316L
Body	Carbon Steel
Movement Parts	Stainless Steel 304
O-Ring	EPDM
Closing Valve Gasket	PTFE
Max. Operating Pressure	6/8 bar
Max. Operating Temperature	90°C
Connection	1" and ¾" male

DIMENSIONS		
Float Type	Standard Float	Large Float
ØD (mm)	180	220
PN (bar)	6	8

LEVEL CONTROLLERS FOR STEAM BOILERS► FANTINI COSMI LEVEL REGULATORS



Body	Ductile Iron GGG 40.3
Float	Stainless Steel AISI 316
	Teflon Coated (Optional)
Shaft	Stainless Steel AISI 316
Bellow	Stainless Steel AISI 316L
Connection Types	Flanged and threaded
Micro Switch	220 V AC / 24 V opt

DIMENSIONS	
FLANGED (DN)	25
SCREWED (inch)	1"

CONDUCTIVITY TYPE LEVEL ELECTRODE ▶ AELC



Electrode
Electrode Insulation
Connection
Max. Working Temp.
Max. Working Pressure

Stainless Steel
PTFE
Stainless Steel
220 °C
30 bar

DIMENSIONS	
Threaded	3/8"- 1/2" BSP

CAPACITIVE LEVEL SWITCHES ▶ AECAS



Electrode
Electrode Insulation
Connection
Coaxial Cylindrical
Max. Working Temp
Max. Working Pressure
Protection Class

Stainless Steel
PTFE (Opt. PFA, Peek, Ceramic)
Stainless Steel AISI304, (AISI316)
Stainless Steel
238 °C (400 °C - Ceramic Insulation)
100 bar
PBT-IP66, Stainless Steel-IP65

DIMENSIONS			
Threaded	Flange PN16	Flange PN40	Clamp
1/2"- 2" BSP	DN25 DN50	DN25- DN100	DN32, DN50, DN65

CAPACITIVE LEVEL TRANSMITTERS ▶ AECAP



Electrode
Electrode Insulation
Connection
Coaxial Cylindrical
Max. Working Temp
Max. Working Pressure
Protection Class

Stainless Steel
PFA (Opt. PTFE, Peek, Ceramic)
Stainless Steel AISI304, (AISI316)
Stainless Steel
238 °C (400 °C - Ceramic Insulation)
100 bar
PBT-IP66, Stainless Steel-IP65

DIMENSIONS			
Threaded	Flange PN16	Flange PN40	Clamp
1/2"- 2" BSP	DN25 DN50	DN25- DN100	DN32, DN50, DN65

LEVEL INDICATOR GAUGE ▶ AELD-11



Connection
Tube Material
Max. Working Temp
Max. Working Pressure

Stainless Steel
Glass or Plexiglass
100 °C
5 bar

DIMENSIONS	
Threaded	1/2" - 3/4" BSP

ROTARY PADDLE SWITCHES ▶ AELF-11



Connection
Housing

Paddle And Rode
Max. Working Temp
Max. Working Pres.
Cycle Quantity
Protection Class

Aluminium (Std) Opt. 304 / 316 Stainless Steel, PTFE
Antistatic Plastic (Std),
Optional Aluminium Enjection - AISi12Fe (Std)
Stainless Steel AISI304, (AISI316
90 °C (Opt. 150°C, 200°C, 600°C)
0,6 bar
5 / sec
IP65

DIMENSIONS	
Threaded	1"
Quantity of Adjustment Plates	5 pcs

LEVEL CONTROL EQUIPMENT

LEVEL SWITCHES► WATER ALARM BREAKER

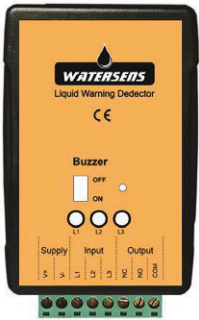


Body
Tube Material
Max. Working Temp
Max. Working Pressure
Protection Class

Stainless Steel
Glass or Plexiglass
85 °C
20 bar
IP68

DIMENSIONS	
Threaded	3/4" NPT Double Sided

LEVEL SWITCHES► WATER ALARM DETECTOR



Cover
Siren
Battery Life

ABS Plastic
1 Siren + ON/OFF Button
2 years

DIMENSIONS	
70x100x22 mm	

TILT SENSOR► ATS-10



Tube Material
Max. Working Temp
Max. Switch Capacity
Max. Current / Voltage

Stainless Steel
-35/ 100 °C
180 VA
1,5 A / 120 VAC NK

LEVEL CONTROLLERS FOR TANKS► BT-01 HYDROSTATIC PRESSURE TRANSMITTER



Measurement Method
Sensor Type
Pressure Range
Process Temperature
Diaphragm Material
O-ring Material
Ex Certificate
Protection Class

Relative Pressure
Internal Ceramic
0,1-1000 bar
-40 + 280 °C
AlSi 316, Hastelloy C, Ceramic and Titanium
Viton
ATEXExII1 GEEExIIIC T6/T5
IP65 / IP67 / IP68



DIMENSIONS	
SCREWED (inch)	1/4 - 1/2 BSP / NPT

LEVEL CONTROLLERS FOR WATER TANK ▶ SMART/MAC5 LEVEL BREAKER WITH CABLE



Float
Cable Diameter
Voltage
Max. Working Pressure
Working Temperature
Protection Class
Contact
Adjustable Distance

PP
10mm PVC 3x1mm
250 VAC 50 Hz
10 bar
-25/+60 °C
IP68
10A-250 VAC NO/NC
750mm

LENGTH (M)	
SMART	5-10
MAC 5	10

CONTROL PANEL ▶ ALL-IN-ONE PLC CONTROL BOARD



Screen
Uni Apps
I/O
Protection Class

10.4" Touch Screen 65K Colored (800x600px)
Multilayered Elements, Animations, Built-in Speaker, Internal Trends, Pid, Data Tables, Data Sampling, Move-Drop Interface. Obtaining, changing, displaying, troubleshooting etc.
Digital and Analog RS485, CAN open, Uni CAN, Ethernet, MODBUS communication options
Remote access from computers, tablets, smartphones etc.
IP65

SWITCHES FOR MAGNETIC LEVEL CONTROLLERS ▶ BI-STABLE/MONOSTABLE SWITCH



Supply Voltage
Current Capacity
Switch Capacity
Operating Temp.

250V
0.5A / 1A
60VA AC MAX / 30VA DC MAX
-10 + 80 °C

PRINCIPLES	
Bi-Stable	Sealed
Mono-Stable	Momentary Action

BOTTOM BLOWDOWN VALVE ▶ DBV-10

3 Pieced Ball Valve (V-3FP)
Timer (Controller)
Pneumatic Actuator
Single Actuation (Standard, NC)
Spring Controlled
Solenoid Valve
Limit Switch
Double Actuation (Optional)



Flanged	
DIMENSIONS	DN40 (Standard) DN15-20-25-32-50-65 (Optional)
	Please contact our sales team for customized dimensions.

PRODUCT FEATURES DBV-10			
BALL VALVE		PNEUMATIC ACTUATOR	
Body Material	Stainless Steel AISI 304/316	Body Material	Epoxy Coated Aluminium Injection
Ball Material	Stainless Steel AISI 304/316	Pistons	Aluminium Cast
Stem	Stainless Steel AISI 304/316	Shaft Material	Cadmium Coated Steel
Body Gasket	PTFE	Tightness Component	Nitrile Rubber
Ball Seat	R-PTFE (15%)	Valve Connection	Standard
Nominal Pressure (PN)	40 bar		
Max. Operating Temp.	-50/+210°C		

SURFACE BLOWDOWN SYSTEM ▶ YBS-10



Conductivity Measuring Probe
Conductivity Transmitter (with LCD screen)
Digital Regulator
Surface Control Valve with Electric Motor
Service Support Before Installation
DN20 PN40 Metal Bellows Valve
DN20 PN40 Disco Check Valve

Max Working Pressure
Max Working Temperature

32 bar
239 °C

Flanged	
DIMENSIONS	DN20 (Standard) DN15-25-32-50-65 (Optional)
	Please contact our sales team for customized dimensions.

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