



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



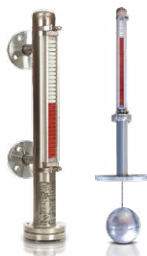
Body	Stainless Steel AISI 304 (opt. AISI 316)
Float	Stainless Steel AISI 316L
Magnetic Disc	Aluminium
Flange Material	Carbon Steel St. 37.2 / Stainless Steel (Optional)
Connections	Flange, BSP or NPT Threaded, Sleeve
Max. Operating Pressure	25 bar (Optional 40 bar)
Max. Permissible Temperature	200°C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

Connections
Max. Operating Pressure
Max. Permissible Temperature
Contact Signal
Drain Plug
Protection Class

Stainless Steel AISI 304 (opt. AISI 316)
Stainless Steel AISI 316L
Plastic
Carbon Steel St. 37.2
(Opt. Stainless Steel)
Flange, BSP or NPT Threaded, Sleeve
10 bar
160°C
Yes
3/8"
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
Float
Magnetic Disc
Flange Material

Connections
Max. Operating Pressure
Max. Permissible Temperature
Contact Signal
Drain Plug

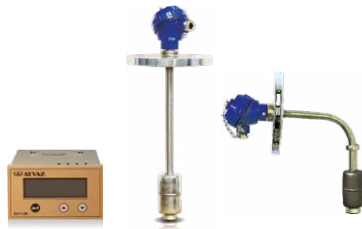
Stainless Steel AISI 304 (opt. AISI 316)
Stainless Steel AISI 316L
Plastic
Carbon Steel St. 37.2
(Opt. Stainless Steel)
Flange, BSP or NPT Threaded, Sleeve
10 bar
160°C
Yes
3/8"



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
Float
Supply Voltage
Flange Material
Max. Permissible Temperature
Analog Output
Max. Operating Pressure
Connections
Accessories
Protection Class

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

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

Switch Capacity
Switch Circuit
Protection Class

Stainless Steel AISI 304
Stainless Steel AISI 316
-10/+125°C
400 VAC/DC
16 bar
3/8" Threaded
0.8 kg/m³
N.O (Normally Open)
C.O (Change Over)
60 VA
1.0 VA
IP68



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

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

ANALOGUE LEVEL SENSING ELEMENTS ► AU-20

AU-20 YD AU-20 YK AU-20 DK AU-20 DD



Body
Float
Max. Permissible Temperature
Max. Switch Voltage
Max. Operating Pressure
Connections
Min Density
Contact Types
Switch Capacity
Switch Circuit
Protection Class

Stainless Steel AISI 304
Stainless Steel AISI 316
-10/+125°C
400 VAC/DC
10/16 bar
3/8" Threaded
0.8 kg/m³
N.O (Normally Open)
60 VA
3.0 VA
IP68



DIMENSIONS	
Threaded	3/8" - BSP/NPT

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

FLOW SWITCHES ► AK-100



Sheet Body
Cover
Gasket
Fittings Type
Fittings Material
Max. Liquid Pressure
Max. Liquid Temperature
Micro Switches
Max. Pipe Diameter

Stainless Steel
ABS
NBR
Female 1"
Brass MS 56
11 bar
-30/+120°C
15 (8) A-220V
10" (12" Optional)

DIMENSIONS	
Threaded	1"
Quantity of Adjustment Plates	5 pcs

FLOAT SWITCHES ► C-4 ADJUSTABLE TYPE



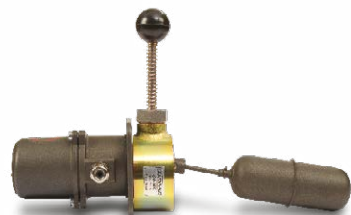
Float
Connections
Flange Material
Shaft
Micro switches
Contact Types
Max. Operating Pressure
Max. Operating Temperature
Optional Coating

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

Stainless Steel 316L
Square Flange
Carbon Steel St. 37.2/Stainless Steel
Aluminium Injection
16A
N.O (Normally Open) - N.C (Normally Close)
6 bar
150°C

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



FLOAT SWITCHES ► C-2

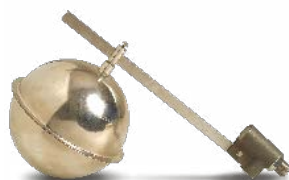


Float
Connections
Cover
Gasket
Micro switches
Max. Operating Pressure
Max. Operating Temperature

Stainless Steel AISI 316L
BSP Threaded (Female)
ABS
NBR
16A (Normally open or closed)
6 bar
125°C

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

FLOAT VALVE ► KTS-50



Float
Body
Movement Parts
O-Ring
Closing Valve Gasket
Max. Operating Pressure
Max. Operating Temperature
Connection

Stainless Steel AISI 316L
Carbon Steel
Stainless Steel 304
EPDM
PTFE
6/8 bar
90°C
1" and 3/4" 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
Float
Shaft
Bellow
Connection Types
Micro Switch

Ductile Iron GGG 40.3
Stainless Steel AISI 316
Teflon Coated (Optional)
Stainless Steel AISI 316
Stainless Steel AISI 316L
Flanged and threaded
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 - AISi2Fe (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

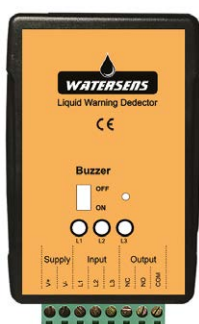


Body
Tube Material
Max. Working Temp
Max. Working Pressure
Protection Class

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
AISI 316, Hastelloy C, Ceramic and Titanium
Viton
ATEXExII GEEIaII C 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



SMART
For Fresh Water
MAC-5
For Waste Water

Float	PP
Cable Diameter	10mm PVC 3x1mm
Voltage	250 VAC 50 Hz
Max. Working Pressure	10 bar
Working Temperature	-25/+60 °C
Protection Class	IP68
Contact	10A-250 VAC NO/NC
Adjustable Distance	750mm

LENGTH (M)	
SMART	5-10
MAC 5	10

CONTROL PANEL ▶ ALL-IN-ONE PLC CONTROL BOARD



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

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



Supply Voltage	250V
Current Capacity	0.5A / 1A
Switch Capacity	60VA AC MAX / 30VA DC MAX
Operating Temp.	-10 + 80 °C

PRINCIPLES	
Bi-Stable	Sealed
Mono-Stable	Momentary Action

BOTTOM BLOWDOWN VALVE ▶ DBV-10

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



DIMENSIONS	
Flanged	
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	32 bar
Max Working Temperature	239 °C

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



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