



LEVEL CONTROL EQUIPMENT



LEVEL CONTROL EQUIPMENT

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



Box Panel
Body
Flange
Electrodes
Electrode Insulation
Intermediate Disc
Connections
Max. Operating Pressure
Max. Operating Temperature
Control Type

Aluminium Injection
Stainless Steel 1.4517
Forged Steel 1.0460
Stainless Steel 1.4517
PTFE
PTFE
Flanged and threaded
32 bar
238°C
On/Off

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

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



Body
Box Panel
Flange
Electrodes
Electrode Insulation
Intermediate Disc
Connections
Analog Output
Max. Operating Pressure
Max. Operating Temperature

Stainless Steel 1.4517
Aluminium Injection
Forged Steel 1.0460
Stainless Steel 1.4517
PTFE
PTFE
Flanged and threaded
4-20 mA or (0-10V)
32 bar
238°C

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

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



Body
Frame
Drain Plug and Liquid main Body
Connections
Max. Operating Pressure
Max. Operating Temperature

Cast Iron GG-25
A105
Cast Iron GG-25
Flange
16 bar/40 bar
250°C

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

MAGNETIC LEVEL GAUGES ► MGK-33



Body
Float
Magnetic Disc
Flange Material

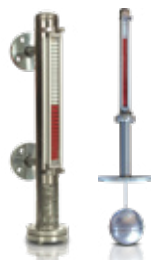
Connections
Max. Operating Pressure
Max. Permissible Temperature
Contact Signal
Drain Plug

Stainless Steel AISI 304 (opt. AISI 316)
Stainless Steel AISI 316L
Aluminium
Carbon Steel St. 37.2 /
Stainless Steel (Optional)
Flange, BSP or NPT Threaded, Sleeve
25 bar (Optional 40 bar)
200°C
Yes
1/2"

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



MAGNETIC LEVEL GAUGES ► MG-33



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
(Optional Stainless Steel)
Flange, BSP or NPT Threaded, Sleeve
16 bar
160°C
Yes
1/2"
IP66

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



MAGNETIC LEVEL GAUGES ► MG-33P (PVC)



Body and Float
Magnetic Disc
Flange Material
Connections
Max. Operating Pressure
Max. Permissible Temperature
Contact Signal

PVC
Plastic
PP-V
Flange
6 bar
70°C
Yes

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

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

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

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)
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
IP66



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

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
IP66



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

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

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

LEVEL CONTROL EQUIPMENT

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



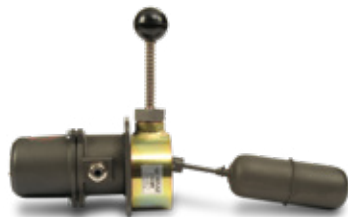
Float
Connections
Flange Material
Shaft
Micro switches
Contact Types
Max. Operating Pressure
Max. Operating Temperature
Optional Coating
Protection Class

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
IP66

DIMENSIONS	
Square Flange (mm)	94x94x15
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
Protection Class
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
IP66

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
3/4" Male

DIMENSIONS		
Float Type	Standard Float	Large Float
ØD (mm)	150	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
4-20 mA

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
AISI 316, Hastelloy C, Ceramic and Titanium
Viton
ATEXExII 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	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

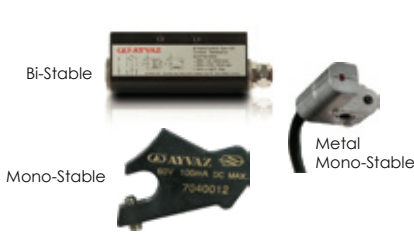
LENGTH (M)	
SMART	5-10
MAC 5	10

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. Obtaining, changing, displaying, troubleshooting etc.
Uni Apps I/O	Digital and Analog RS485, CAN open, Uni CAN, Ethernet, MODBUS communication options Remote access from computers, tablets, smartphones etc.
Protection Class	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 Temperature	-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	32 bar
Max Working Temperature	239 °C

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

LEVEL CONTROL EQUIPMENT



HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Amavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 47 27
info@ayvaz.com | www.ayvaz.com

**Cona
Caserta/Italy**
Tel: +39 0823 187 3988
rmolaro@ayvaz.com

**Ayvaz Russia
Moscow/Russia**
Tel: +7 9254070230
eakinci@ayvaz.com

**Ayvaz Germany
Viernheim/Germany**
Tel: +49 62046014399
germany@ayvaz.com

**Ayvaz Ukraine
Kiev/Ukraine**
Tel: +380 44 390 57 57
info@ayvaz.com.ua

**Tricorr
Warsaw/Poland**
Tel: +48-32-783-295-1
tricorr@tricorr.eu

**Ayvaz Azerbaijan
Baku/Azerbaijan**
Tel: +994 555 79 84 32
ahayatov@ayvaz.com

**Hacı Ayvaz M.E.
Dubai/U.A.E**
Tel: +971 544431048
+971 501306871
mideast@ayvaz.com

**Ayvaz China
Jinan/China**
Tel: +86 0574 5897 3851
info@ayvazchina.com

**Ayvaz Kazakhstan LLP
Almaty/Kazakhstan**
Tel: +7 (727) 327 97 57
info_kz@ayvaz.com
www.ayvaz.kz

**Ayvaz N
Isperih/Bulgaria**
Tel: +359 8431 27 32
office@ayvaz-n.eu

**Ayvaz Serbia
Belgrade/Serbia**
Tel: +381 61 658 70 52
yakbiyik@ayvaz.com

**Ayvaz Vietnam
HCMC/Vietnam**
Tel: +84 89 850 83 45
ggursoy@ayvaz.com

**Ayvaz Nigeria
Lagos/Nigeria**
Tel: +234 906 308 6617
Tel: +234 909 465 3877