



# LEVEL CONTROL



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## LEVEL CONTROLLERS

### LEVEL CONTROLLERS FOR STEAM BOILERS ► FANTINI COSMI LEVEL REGULATORS



Body  
Float  
Shaft  
Bellow  
Connection Types

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

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

### 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

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

	DIMENSIONS	
	KP01 (Threaded) DIN ISO 228/1	KP01-F (Flanged) PN 40, DIN 2635
Size	3/4"	DN50
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 - 3000

### 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 316  
Stainless Steel AISI 316L  
Aluminium  
Carbon Steel St. 37.2 /  
Stainless Steel (Optional)  
Flange  
25 bar  
200°C  
Yes  
3/4"

DIMENSIONS	
(Flanged) PN 16	DN15 DN20 DN25 DN32 DN40 DN50
Length (mm)	300 - 5000

### MAGNETIC LEVEL GAUGES ► MG-33



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

Stainless Steel AISI 316  
Stainless Steel AISI 316L  
Plastic  
Carbon Steel St. 37.2  
(Opt. Stainless Steel)  
Flange  
16 bar  
160°C  
Yes  
3/4"

DIMENSIONS	
(Flanged) PN 16	DN15 DN20 DN25 DN32 DN40 DN50
Length (mm)	300 - 5000

## 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



Body  
Float  
Magnetic Disc  
Flange Material

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

Stainless Steel AISI 316  
Stainless Steel AISI 316L  
Plastic  
Carbon Steel St. 37.2  
(Opt. Stainless Steel)  
Flange  
10 bar  
160°C  
No  
3/8"

DIMENSIONS	
(Flanged) PN 10	DN20
Length (mm)	300 - 3000



## MAGNETIC LEVEL GAUGES ► MG-33SC WITH SCALE



Body  
Float  
Magnetic Disc  
Flange Material

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

Stainless Steel AISI 316  
Stainless Steel AISI 316L  
Plastic  
Carbon Steel St. 37.2  
(Opt. Stainless Steel)  
Flange  
10 bar  
160°C  
Yes  
3/8"

DIMENSIONS	
(Flanged) PN 10	DN20
Length (mm)	300 - 3000



## DIGITAL LEVEL SENSING ELEMENTS ► EG-11



Body and Float  
Supply Voltage  
Flange Material  
Max. Permissible Temperature  
Analog Output  
Max. Operating Pressure  
Connections  
Accessories

Stainless Steel AISI 304  
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 D.Display

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



## ANALOGUE LEVEL SENSING ELEMENTS ► AU-22



Body and Float  
Max. Permissible Temperature  
Flange Material  
Max. Switch Voltage  
Max. Operating Pressure  
Connections  
Accessories  
Contact Types  
Switch Capacity  
Switch Circuit  
Contact Quantity

Stainless Steel AISI 304  
-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) - C.O (Change Over)  
N.O 60 VA - C.O 60 VA  
N.O 3.0 VA - C.O 1.0 VA  
N.O 6 max - C.O 2 max

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



## ANALOGUE LEVEL SENSING ELEMENTS ► AU-21



Body and Float  
Max. Permissible Temperature  
Max. Switch Voltage  
Max. Operating Pressure  
Connections  
Min Density  
Contact Types

Switch Capacity  
Switch Circuit

Stainless Steel AISI 304  
-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

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



# LEVEL CONTROLLERS

## ANALOGUE LEVEL SENSING ELEMENTS ► AU-20



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



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

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

DIMENSIONS	
All Types	3/8"
Length (mm)	100

## 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

## FLOW SWITCHES ► C-4

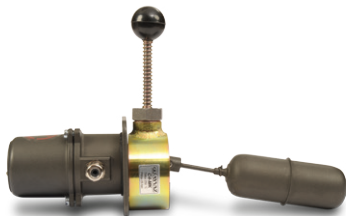


Float  
Connections  
Flange Material  
Shaft  
Micro switches  
Max. Operating Pressure  
Max. Operating Temperature

Stainless Steel AISI 316L  
Square Flange  
Carbon Steel St. 37.2/Stainless Steel  
Aluminium Injection  
16A (Normally open or closed)  
6/16 bar  
-20/+150°C

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

## FLOW SWITCHES ► C-4 WITH CONTROL UNIT



Float  
Connections  
Flange Material  
Shaft  
Micro switches  
Max. Operating Pressure  
Max. Operating Temperature

Teflon Coated Stainless Steel  
Square Flange  
Carbon Steel St. 37.2/Stainless Steel  
Aluminium Injection  
16A (Normally open or closed)  
6 bar  
-20/+150°C

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

## FLOW 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  
-20/+150°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
ØD0 (mm)	150	220
ØD (mm)	156	245
PN	6	8

## BOTTOM BLOWDOWN VALVE ► DBV-10



3 Pieced Ball Valve (V-3FP)  
 Timer (Controller)  
 Pneumatic Actuator  
 Single Actuation (Standard, NC)  
 Spring Controlled  
 Selenoid 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

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

# LEVEL CONTROL



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