

The logo features the text "GP:50" in a bold, black, italicized sans-serif font. It is enclosed within a white oval shape that is bordered by a thick red line on the top and right sides, and a black line on the bottom and left sides.

GP:50

A photograph of an industrial plant with various structures, pipes, and a tall chimney stack under a clear blue sky.

RELIABLE & ACCURATE

A solid red horizontal banner.

PRESSURE & LEVEL TRANSMITTERS

A photograph showing a water treatment facility with large circular tanks and yellow metal railings.A close-up photograph of a complex network of shiny, metallic industrial pipes.

**Water
Wastewater
& Submersible
Markets**



PRESSURE, LEVEL & TEMPERATURE PRODUCTS



**SUBMERSIBLE LIFT STATION
LEVEL TRANSMITTER**

311-M351



**SUBMERSIBLE LEVEL
TRANSMITTER W/ SLUDGE NOSE**

1112/1113



**CORROSION-RESISTANT
LEVEL TRANSMITTER**

313G



**SUBMERSIBLE LEVEL
TRANSMITTER FOR
HAZARDOUS LOCATIONS**

313AI

APPLICATIONS	APPLICATIONS	APPLICATIONS	APPLICATIONS
<ul style="list-style-type: none"> Lift station level monitoring Wet wells Process sumps Water tanks and reservoirs Process sludge 	<ul style="list-style-type: none"> Wet wells, ponds, rivers and tank level measurements Water and wastewater treatment Groundwater monitoring Irrigation 	<ul style="list-style-type: none"> Corrosive chemical tank level Water tank and reservoir level Process plant water level Groundwater reclamation 	<ul style="list-style-type: none"> Wet well, pond, river and tank level Water treatment Groundwater monitoring Irrigation
FEATURES	FEATURES	FEATURES	FEATURES
<ul style="list-style-type: none"> Large diameter sensing diaphragm Protective baffle plate Corrosion-resistant Surge protection from lightning and voltage strikes 	<ul style="list-style-type: none"> Removeable stainless steel sludge nose Submersible to 650 ft WC (200 m WC) All stainless steel construction 	<ul style="list-style-type: none"> Chemically resistant PVDF construction Optional titanium housing available Bullet nose with ceramic sensing element 	<ul style="list-style-type: none"> ATEX and IEC approvals Lightning suppression standard Slim 1" diameter
RANGES (PSI)	RANGES	RANGES (PSI)	RANGES (PSI)
0-5 thru 0-500 PSI (0-10 PSI thru 0-1,153 ft WC) (0-3 PSI thru 0-335 m WC)	0-1.4 to 0-285 PSI (0-40" WC thru 0-650 ft WC) (1 m WC - 200 m WC)	0-3 to 0-700 PSI (0-6.5 to 0-1,640 ft WC) (2-500 m WC)	0-2 to 0-300 PSI (0-4 ft WC to 0-700 ft WC) (1,219 mm-213 m WC)
ACCURACY (BSFL %FSO)	ACCURACY (BSFL %FSO)	ACCURACY (BSFL %FSO)	ACCURACY (BSFL %FSO)
±0.5% or ±0.2%	±0.5%, ±0.25% or ±0.1%	±0.5% or ±0.25%	±0.5% or ±0.2%
OUTPUT (STD)	OUTPUT (STD)	OUTPUT (STD)	OUTPUT (STD)
0-5 Vdc or 4-20 mA	0-5, 0-10 or 1-5 Vdc (1112) 4-20 mA (1113)	4-20 mA	4-20 mA
PROCESS PORT (STD)	PROCESS PORT (STD)	PROCESS PORT (STD)	PROCESS PORT (STD)
3-3/4" Isolated Seal	M22x1 (F)	Protective Cap	AS43905E4 (M) with PVC bullet nose
ELECTRICAL (STD)	ELECTRICAL (STD)	ELECTRICAL (STD)	ELECTRICAL (STD)
1/2" NPT (M) conduit w/ 40 ft of 3-conductor, 18 AWG Hytrel jacketed cable	40-foot polyurethane-jacketed cable	Teflon jacketed cable	1/2" NPT (M) conduit 8' of 18 AWG, 4 conductor, shielded, Hytrel jacketed cable
WETTED MATERIAL (STD)	WETTED MATERIAL (STD)	WETTED MATERIAL (STD)	WETTED MATERIAL (STD)
316 SST	304 SS, 316L SST	PVDF, ceramic, (titanium optional)	316L SS, PVC, neoprene and Hytrel jacketed cable

DELIVERING RELIABLE LEVEL MEASUREMENT FOR WATER TREATMENT, WASTEWATER SYSTEMS, GROUND WATER AND TANK LEVEL, FOR DEMANDING ENVIRONMENTAL AND INDUSTRIAL APPLICATIONS.



**TITANIUM SUBMERSIBLE
LEVEL TRANSMITTER**

**FLUSH SUBMERSIBLE
LEVEL TRANSMITTER**

**SLIM SUBMERSIBLE
LEVEL TRANSMITTER**

**SLIM SUBMERSIBLE
LEVEL TRANSMITTER**

**SURGE PROTECTOR
FOR MODEL 311-M351**

313L-NI

313F

313SL

313R

BCP3000

APPLICATIONS

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- Deep well and borehole
- Groundwater monitoring
- Reservoirs/dams
- Rig ballast control
- Weir, well, pond, reservoir and dam level

- Lift station level monitoring
- Tank and reservoir levels
- Process sumps
- Sludge or slurry levels

- Sewage lift and pump stations
- Deep well and borehole
- Groundwater monitoring
- Shipboard level control
- Weir, well, pond, reservoir and dam level

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- Groundwater monitoring
- Weir, well, pond, reservoir and dam level

FEATURES

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FEATURES

FEATURES

- Rugged, welded, leak-proof construction
- Standard surge/lightning suppression
- Slim 1-inch diameter titanium housing
- Optional remote zero-span adjust

- Large, flush ceramic diaphragm
- Corrosion-resistant leak-proof construction
- Flush design eliminates sensor cleanup to reduce cost and down time

- Rugged, welded, leak-proof stainless steel construction
- Silicon sensor technology
- Hydrophobic breather filter
- CE certified

- Slim 0.622" (15.8 mm) diameter housing
- Hydrophobic breather filter
- CE certified
- Optional lightning suppression

- Lifetime warranty against lightning and voltage surges for BC001 Birdcage® (4-20mA only)
- Slim 0.512" (13 mm) DIN rail mount chassis
- Replaceable surge model
- UL 479B listed
- Multiple ground options
- High current gas discharge tubes (GDT)
- Fast Response Surge-Arresting Diode (SAD)

RANGES (PSI)

RANGES (PSI)

RANGES (PSI)

RANGES (PSI)

RANGES (TEMP)

5-300 PSI
(345 mBAR to 20 BAR)

20 in WC to 0-285 PSI

0-3 to 285 PSI
(200 m WC)

0-40 in WC to 285 PSI
(200 m WC)

-50° to +85°C

ACCURACY (BSFL %FSO)

ACCURACY (BSFL %FSO)

ACCURACY (BSFL %FSO)

ACCURACY (BSFL %FSO)

ACCURACY (BSFL %FSO)

±0.5%, ±0.25% or ±0.1%

±0.5% or ±0.25%

±0.5% or ±0.25%

±0.5%, ±0.2% or ±0.1%

N/A

OUTPUT (STD)

OUTPUT (STD)

OUTPUT (STD)

OUTPUT (STD)

OUTPUT (STD)

4-20 mA

4-20 mA

4-20 mA, 0-5 Vdc, 1-5 Vdc
and 0-10 Vdc

4-20 mA, 0-5 Vdc
and 1-5 Vdc

N/A

PROCESS PORT (STD)

PROCESS PORT (STD)

PROCESS PORT (STD)

PROCESS PORT (STD)

PROCESS PORT (STD)

1/4" NPT (F)
with PVC bullet nose

1.06" ceramic diaphragm

Stainless steel bullet nose

Stainless steel bullet nose

N/A

ELECTRICAL (STD)

ELECTRICAL (STD)

ELECTRICAL (STD)

ELECTRICAL (STD)

ELECTRICAL (STD)

Molded Hytel jacketed
6-conductor

40-foot polyurethane-
jacketed cable

40-foot polyurethane-
jacketed cable

40-foot polyurethane-
jacketed cable

See Data Sheet

WETTED MATERIAL (STD)

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WETTED MATERIAL (STD)

Titanium, Hytel

304 SS (optional 316L or
Titanium),
Ceramic Al2O3 - 96%,
Polyurethane cable

316 stainless steel,
Polyurethane cable

316 stainless steel,
Polyurethane cable

N/A



MODEL BCH 2000
Cable Hanger
Shown in Application
with the
Model 311-M351



MODEL BD300
Pump Controller

The Model BD300 Pump Controller offers high-reliability monitoring and control when used with the 311-M351 submersible level transmitter. Featuring multiple pump alternation for pumping stations and water municipalities, programmable relay switches, a large 6 digit LED display, AC or DC power input, and digital communication options. The BD300 is suited for the most demanding environments.

FEATURES

- 0-20 mA, 4-120 mA, 0-5 V, 1-5 V, and $\pm 10V$ Inputs
- Large 6-Digit Display, 0.60" & 0.46"
- NEMA 4X, IP65 Front
- Universal 85-265 VAC, or 12/24 VDC Input Power
- Programmable Display & Function Keys
- 32-Point, Square Root, or Exponential Linearization
- Multi-Pump Alternation Control
- Modbus® RTU Communication Protocol Standard
- Free Pro Software for Operation, Monitoring, and Programming
- Standard 1/8 DIN (45mm x 92mm)

OPTIONS

- 4 Relays + Isolated 4-20 mA Output
- Digital I/O Expansion Modules
- Sunlight Readable Display Models



Check out our sister company's
line of Gauges at
www.blueribboncorp.com

