➢ **Intelligent high frequency 26G radar level gauge**

MODEL NO. : BIMCO1000A1

❖ **Intelligent High Frequency 26G Series Radar Level Gauge**

Product Features:

1. cost-effective, durable, shorter lead time;
2. no blind spots, high precision, and long measurement distance;
3. not affected by change of pressure, vacuum and temperature, or the environmental effect of inert gases, dust, steam, etc;
4. easy installation, maintenance-free;
5. communication protocols, simple calibration, easy field calibration operation through LCD display, simple configuration settings and programming by software;
6. sensitive measurement, high refresh speed;
7. suitable for high temperature conditions;
8. affordable, long-term life.

Technical Parameter:

Application	All kinds of heavy corrosive liquid
Measuring range	Up to20 meters
Process connection	Screw, Flange
Medium Temperature	-40～120°C
Process pressure	-0.1～0.3MPa
Precision	±5mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia II C T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire/ Four) RS485/Modbus

Model selection:

License

P standard (non-Ex)
I Intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)

Process connection / Material

G thread G11 / 2A

➢ Intelligent high frequency 26G radar level gauge

MODEL NO. : BIMCO1000A2

N threaded 11 / 2NPT
A flange DN50 / PP ; B flange DN80 / PP ; C flange DN100 / PP ; Y special custom

Antenna Type / Material / Process temperature / antenna length
A sealed speaker ¢ 45 / PTFE / (- 40 ~ 120) ℃ / 138mm
B sealed speaker ¢ 75 / PTFE / (- 40 ~ 120) ℃ / 238mm

Antenna Extension
S l00mm
L 150mm

Electronics unit
2 (4 ~ 20) mA two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system

Housing / Protection class
L aluminum / IP67 ; G stainless steel 304 / IP67

Cable entry
M M20 * l. 5
N 1/2 NPT

Live display/ programming
A included
X without

Special convention
Y special convention

Technical Parameter:

Application	Temperature resistance, withstand pressure, slightly corrosive liquid
Measuring range	30 meter
Process connection	Screw, Flange
Medium Temperature	-40～250°C
Process pressure	-0.1～4.0MPa
Precision	±3mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire/ Four)

Model selection:

License
P standard (non-Ex)
I Intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)

Process connection / Material
G thread G11 / 2A / stainless steel 304
N Threaded 11 / 2NPT / stainless steel 304
A flange DN50 / stainless steel 304

- **Intellignet high frequency 26G radar level gauge**

MODEL NO. : BIMCO1000A3

B flange DN80 / stainless steel 304; C flange DN100 / stainless steel 304
D flange DN125 / stainless steel 304; E flange DN150 / stainless steel 304
F flange DN200 / stainless steel 304; Y special custom

Antenna Type / Material
A horn antenna ¢ 46mm / stainless steel 304
B horn antenna ¢ 76mm / stainless steel 304
D horn antenna ¢ 121mm / stainless steel 304

Seal/ process temperature
V Piton / (- 40 ~ 150)°C
K Alvarez / (- 40 ~ 250) °C

Electronics unit
2 (4 ~ 20) A two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system

Housing/ Protection class
L aluminum / IP67; G stainless steel 304 / IP67

Cable entry
M M20xl. 5
N 1/2 NPT

Live display/ programming
A band
X without

Technical Parameter:

Application	solid, heavy dust or ash, crystallization or condensation place
Measuring range	Up to 70 meter
Process connection	Screw, Flange
Medium Temperature	-40～250°C
Process pressure	Atmospheric
Precision	±15mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia □C T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire/ Four)RS485/Modbus

Model selection:

License
P standard (non-Ex)
I intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)

Process connection/ Material
G thread G11 / 2A / stainless steel 304

➢ Intellignet high frequency 26G radar level gauge

MODEL NO. : BIMCO1000A4

N Threaded 11 / 2NPT / stainless steel 304; B flange DN80 / stainless steel 304
C flange DN100 / stainless steel 304; D flange DN125 / stainless steel 304
E flange DN150 / stainless steel 304; F flange DN200 / stainless steel 304
H flange DN250 / stainless steel 304; M flange DN80 / universal joint (stainless steel) 304
K flange DN100 / universal joint (stainless steel) 304;
T flange DN125 / universal joint (stainless steel) 304;
Z flange DN150 / universal joint (stainless steel) 304
W flange DN200 / universal joint (stainless steel) 304
V flange DN250 / universal joint (stainless steel) 304; Y special custom

Antenna Type/ Material

B horn antenna ¢ 76mm / stainless steel 304
C horn antenna ¢ 96mm / stainless steel 304
D horn antenna ¢ 121mm / stainless steel 304

Seal/ process temperature

V Viton / (- 40 ~ 150) °C
K Kalrez / (- 40 ~ 250) °C

Electronics unit

2 (4 ~ 20) mA two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system

Housing/ Protection class

L aluminum / IP67
G stainless steel 304 / IP67

Cable entry

M M20xl. 5
N 1/2 NPT

Live display/ programming

A band
X without

Technical Parameter:

Application	Solid, strong dust, crystallization and condensation
Measuring range	70 meters
Process connection	Screw, Flange
Medium Temperature	-40～250°C
Process pressure	Atmospheric
Precision	±15mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia IIC T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire/ Four)RS4 85/Modbus

Model selection:

License

P standard (non-Ex)
I Intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)

Process connection/ Material

G thread G11 / 2A / stainless steel 304
N Threaded 11 / 2NPT / stainless steel 304
A flange DN50 / stainless steel 304
B flange DN80 / stainless steel 304
C flange DN100 / stainless steel 304
D flange DN125 / stainless steel 304
E flange DN150 / stainless steel 304
F flange DN200 / stainless steel 304
H flange DN250 / stainless steel 304
M flange DN80 / universal joint (stainless steel) 304
K flange DN100 / universal joint (stainless steel) 304
T flange DN125 / universal joint (stainless steel) 304
Z flange DN150 / universal joint (stainless steel) 304
W flange DN200 / universal joint (stainless steel) 304
V flange DN250 / universal joint (stainless steel) 304
Y special custom

Antenna Type/ Material

A parabolic antenna ¢ 196mm / stainless steel 304
B parabolic antenna ¢ 242mm / stainless steel 304

Seal/ process temperature

V Viton / (- 40 ~ 150) °C
K Kalrez / (- 40 ~ 250)°C

Electronics unit

2 (4 ~ 20) mA two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system

Housing/ Protection class

L aluminum / IP67
G stainless steel 304 / IP67

Cable entry

M M20xl. 5
N 1/2 NPT

Live display/ programming

A band
X without

Special convention

Y

➢ Intellignet high frequency 26G radar level meter

MODEL NO. : BIMCO1000A5

Technical Parameter:

Application	Solid particles, dust
Measuring range	30 meter
Process connection	Screw, Flange
Medium Temperature	-40～250°C
Process pressure	Atmospheric
Precision	±10mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia IIC T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire/ Four)

Model selection:

License

P standard (non-Ex)
I Intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)

Process connection/ Material

G thread G11 / 2A / stainless steel 304;
N Threaded 11 / 2NPT / stainless steel 304;
B flange DN80 / stainless steel 304 ; C flange DN100 / stainless steel 304
D flange DN125 / stainless steel 304;E flange DN150 / stainless steel 304
F flange DN200 / stainless steel 304; H flange DN250 / stainless steel 304
M flange DN80 / universal joint (stainless steel) 304
K flange DN100 / universal joint (stainless steel) 304
T flange DN125 / universal joint (stainless steel) 304
Z flange DN150 / universal joint (stainless steel) 304
W flange DN200 / universal joint (stainless steel) 304
V flange DN250 / universal joint (stainless steel) 304; Y special custom

Antenna Type/ Material

B horn antenna ¢ 76mm / stainless steel 304
C horn antenna ¢ 96mm / stainless steel 304
D horn antenna ¢ 121mm / stainless steel 304

Seal/ process temperature

V Viton / (- 40 ~ 120) °C
K Kalrez / (- 40 ~ 250) °C

Electronics unit

2 (4 ~ 20) mA two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system

Housing/ Protection class

L aluminum / IP67
G stainless steel 304 / IP67

➢ Intellignet high frequency 26G radar level gauge

MODEL NO. : BIMCO1000A6

Cable entry
M M20xl. 5
N 1/2 NPT
Live display/ programming
A included
X without
Special convention
Special convention
Technical Parameter:

Application	Hygienic liquid storage container, strong corrosive container
Measuring range	20 meter
Process connection	Screw, Flange
Medium Temperature	-40～150°C
Process pressure	Atmospheric
Precision	±3mm
Frequency range	26GHz
Anti-explosion/safety grade	Exia IIC T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire/ Four)

Model selection:
License
P standard (non-Ex)
I Intrinsically Safe (Exia IIC T6 Ga)
D intrinsically safe explosion-proof (Exia IIC T6 Ga)
Process connection/ Material
G thread G11 / 2A / stainless steel 304; N Threaded 11 / 2NPT / stainless steel 304
B flange DN80 / stainless steel 304 ; C flange DN100 / stainless steel 304
D flange DN125 / stainless steel 304; E flange DN150 / stainless steel 304
F flange DN200 / stainless steel 304 ; H flange DN250 / stainless steel 304
M flange DN80 / universal joint (stainless steel) 304
K flange DN100 / universal joint (stainless steel) 304
T flange DN125 / universal joint (stainless steel) 304
Z flange DN150 / universal joint (stainless steel) 304
W flange DN200 / universal joint (stainless steel) 304
V flange DN250 / universal joint (stainless steel) 304; Y special custom
Antenna Type/ Material
B horn antenna ¢ 76mm / stainless steel 304
C horn antenna ¢ 96mm / stainless steel 304
D horn antenna ¢ 121mm / stainless steel 304
Seal/ process temperature
V Viton / (- 40 ~ 120) °C
K Kalrez / (- 40 ~ 250) °C

Electronics unit
2 (4 ~ 20) mA two-wire
3 (4 ~ 20) mA / (24) VDC / HART two-wire
4 (4 ~ 20) mA / (~ 24) VDC / HART four-wire system
5 (4 ~ 20) mA / (~ 220) VAC / HART four-wire system
Housing/ Protection class
L aluminum / IP67
G stainless steel 304 / IP67
Cable entry
M M20xl. 5
N 1/2 NPT
Live display/ programming
A band
X without
Special convention
Special convention

➢ Intellignet 6.8GHz radar level Gauge

MODEL NO. : BIMCO1000B1

6.8GHz Intellignet Series Radar Level Gauge

Product Features:

1. cost-effective, durable, shorter lead time;
2. no blind spots, high precision, long measurement distance;
3. not affected by change of pressure, vacuum and temperature, or the environmental effect of inert gases, dust, steam, etc;
4. easy installation, maintenance-free;
5. communication protocols, simple calibration, easy field calibration operation through LCD display, simple configuration settings and programming by software;
6. sensitive measurement, high refresh speed;
7. suitable for high temperature conditions.

Technical Parameter:

Application	waste water, soda acid liquid, slurry, solid particles and oil tank
Measuring range	20 meters
Process connection	thread G11/2 or 11/2NPT
Medium Temperature	-40-120°C
Process pressure	-0.1-0.3Mpa
Repeatability	± 2mm
Precision	±10mm
Frequency range	6.8GHz
Anti-explosion/safety grade	Exia IIC T6 Ga /IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol
I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol
D Intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

➢ Intellignet 6.8GHz radar level Gauge

MODEL NO. : BIMCO1000B2

Antenna Type/ Material/ Process Temperature
SP plastic rod / PP / -40 ... 100 °C
SF plastic rod / PTFE / -40 ... 120 °C
Process connection
G thread G1½A
N Threaded 1½NPT
A stainless steel flange DN50 PN16C type
B type stainless steel flange DN80 PN16C
C type stainless steel flange DN100 PN16C
D type stainless steel flange DN150 PN16C
E type stainless steel flange DN200 PN16C
F type stainless steel flange DN250 PN16C
Container joint tube length
A 50mm; B 100mm
C 150mm; D 200mm
E 250mm
Y special convention
Housing/ Protection class
P Plastic / IP65
L aluminum / IP67
Cable entry
M M20 * 1.5
N ½NPT
Site display
V included
X without
Programmer
B included
X without

Technical Parameter:

Application	Storage corrosive liquids, slurries and waste water tanks, acid tanks, slurry tanks, solid particles, small oil storage tanks
Measuring range	20 meter
Process connection	flange
Medium Temperature	-40-150°C
Process pressure	-0.1-1.6Mpa
Repeatability	± 2mm
Precision	±10mm
Frequency range	6.8GHz
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol
I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol
D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Antenna Type/ Material

SF plastic rod / PTFE

Container joint tube length

A 50mm
B 100mm
C 150mm
D 200mm
E 250mm
Y special convention

Process connection

FA PTFE flange, stainless steel flange DN50 PN16C type,
FB PTFE flange, stainless steel flange DN80 PN16 C type,
FC PTFE flange, stainless steel flange DN100 PN16 C type,
FD PTFE flange, stainless steel flange DN150 PN16 C type,
FE PTFE flange, stainless steel flange DN200 PN16 C type,
FF PTFE flange, stainless steel flange DN250 PN16 C type

Seal/ process temperature

P common seal /-40...100□
G high temperature sealing /-40...150□ with heat sink

Anti shell/ protection level

P Plastic / IP65
L aluminum / IP67

Cable entry

M M20 * 1.5
N ½NPT

Site display

V included
X without

Programmer

B included
X without

➢ Intellignet 6.8GHz radar level Gauge

MODEL NO. : BIMCO1000B3

Technical Parameter:

Application	variety of storage containers or process measurement environment, liquids, slurries and solids, such as: crude oil, light oil storage tanks, coal, pulverized coal positions, volatile liquid storage tanks, coke material level, slurry storage tanks, solid particles
Measuring range	30 meter
Process connection/fitting	flange
Process Temperature	-40-250°C
Process pressure	-0.1-2Mpa
Repeatability	± 2mm
Precision	±10mm
Frequency band	6.8GHz
Anti-explosion/safety grade	/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol
I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol
D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Process connection

A flange DN50 PN16 C type
B type flange DN80 PN16 C
C Flange DN100 PN16 C type
D Flange DN150 PN16 C type
E Flange DN200 PN16 C type
F Flange DN250 PN16 C type
G G21 / 2A
Y special convention

Antenna Type/ Material

A waveguide / stainless steel 316L
B horn antenna 76mm / stainless steel 316
C horn antenna 96mm / stainless steel 316
D horn antenna 146mm / stainless steel 316
E horn antenna 196mm / stainless steel 316
F horn antenna 242mm / stainless steel 316

Antenna extension tube

1. None
2. 200mm
3. 300mm
4. 400mm

Seal/ process temperature

P common seal /-40...120°C

- ***Intellignet 6.8GHz radar level Gauge***

MODEL NO. : BIMCO1000B4

G high temperature sealing /-40...250°C with heat sink

Anti shell/ protection level

P Plastic / IP65

L aluminum / IP67

Cable entry

M M20 * 1.5

N ½NPT

Site display

V included

X without

Editor

B included

X without

Technical Parameter:

Application	powder material, solid particles, measurement of the agglomerate
Measuring range	35 meter
Process connection	Universal Flange
Medium Temperature	-40-250°C
Process pressure	Atmospheric
Repeatability	± 2mm
Precision	±15mm
Frequency range	6.8GHz
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol

I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Process connection

➢ Intellignet 6.8GHz radar level Gauge

MODEL NO. : BIMCO1000B5

Section D universal flange DN150
E universal joint flange DN200; F universal joint flange DN250
Y special convention

Antenna Type/ Material

D horn antenna 146mm / stainless steel 316; E horn antenna 196mm / stainless steel 316
F horn antenna 242mm / stainless steel 316

Antenna extension tube

1. None
2. 200mm
3. 300mm
4. 400mm

Seal/ process temperature

P common seal /-40...120°C
G high temperature sealing /-40...250°C with heat sink

Shell Protection grade

P Plastic / IP65;L aluminum / IP67

Cable entry

M M20 * 1.5
N ½NPT

Site display

V included; X without

Programmer

B included; X without

Technical Parameter:

Application	low dielectric constant liquids and liquid storage tanks with agitators
Measuring range	0~20 meter selectable
Process connection	flange
Medium Temperature	-40-250°C
Process pressure	-0.1-2Mpa
Precision	±10mm
Frequency range	6.8GHz
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol
I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA)

➢ Intellignet 6.8GHz radar level Gauge

MODEL NO. : BIMCO1000B6

HART protocol
D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Process connection

A flange DN50 PN16 C type
B type flange DN80 PN16 C
C Flange DN100 PN16 C type

Antenna Type/ Material

A DN50 waveguide / stainless steel 316
B DN80 waveguide / stainless steel 316
C DN100 waveguide / stainless steel 316

Seal/ process temperature

P common seal /-40...120°C
G high temperature sealing /-40...250°C with heat sink

Anti shell/ protection level

P Plastic / IP65
L aluminum / IP67

Cable entry

M M20 * 1.5
N ½NPT

Site display

V include
X without

Programmer

B band
X without

Range (mm)

D special convention

Technical Parameter:

Application	Large tanks with high pressure and extreme temperatures
Measuring range	30 meters
Process connection	Universal flange
Medium Temperature	-40-500°C
Process pressure	Atmospheric
Precision	±15mm
Frequency range	6.8GHz
Anti-explosion/safety	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P standard (non-Ex) current signal output (4-20mA) HART protocol
I Intrinsically Safe (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol
D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART Association

Process connection

A flange DN150 PN16 C type
B flange DN200 PN16 C
C Flange DN250 PN16 C type
D special convention

Antenna Type/ Material

A horn antenna 146mm / stainless steel 316
B horn antenna 196mm / stainless steel 316
C horn antenna 242mm / stainless steel 316

Antenna extension tube

1. 1000mm
2. 1500mm
3. 2000mm
4. 2500mm
5. 3000mm

Seal/ process temperature

P common seal /-40...120°C
G high temperature sealing /-40...250°C with heat sink

Anti shell/ protection level

P Plastic / IP65
L aluminum / IP67

Cable entry

M M20 * 1.5
N ½NPT

Site display

V included
X without

Programmer

B included
X without

Guided Wave Series Radar Level Gauge

Product Feature:

1. Adapt the advanced LSI, the radar principle, digital sign al processing techniques and the Fast Fourier Transform (FFT) techniques.
2. Apply the continuous dynamic measurement to measure liquid, solid (lump, powder) material level.
3. Long measurement range and high accuracy.
4. Easy installation, maintenance-free;
5. Suitable for high temperature conditions.

➢ Guided Wave radar level gauge

MODEL NO. : BIMCO1000C1

Technical Parameter:

Application	Liquid, solid particles
Measuring range	30 meter
Process connection	Thread, flanged
Medium Temperature	-40-250°C
Process pressure	-0.1-2MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol

I intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integrated Process connection/ Material

G G1 1 / 2A threaded stainless steel

N 1 1 / 2NPT threaded stainless steel; C stainless steel flange DN50 PN16C

D stainless steel flange DN80 PN16C; E stainless steel flange DN100 PN16C

F stainless steel flange DN150 PN16C;H stainless steel flange DN200 PN16C

K stainless steel flange DN250 PN16C;Y special convention

Sealing temperature

P common seal -40 ... 100 °C

G high temperature sealing -40-250 °C with radiator

Housing/ protection class/ antenna protection class

P Plastic / IP65

L aluminum / IP67

Cable Interface

M M20 * 1.5

N 1/ 2NPT

Site display

V included

X without

Programmer

B included ; X without

➢ *Guided Wave radar level gauge*

MODEL NO. : BIMCO1000C2

Technical Parameter:

Application	Liquid
Measuring range	6 meter
Process connection	Thread, flanged
Medium Temperature	-40-250°C
Process pressure	-0.1-2MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model Selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol

I intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integrated Process connection / Material

G G1 1 / 2A threaded stainless steel

N 1 1 / 2NPT threaded stainless steel

C stainless steel flange DN50 PN16C

D stainless steel flange DN80 PN16C

E stainless steel flange DN100 PN16C

F stainless steel flange DN150 PN16C

Y special convention

Sealing temperature

P common seal -40 ... 100 °C

G high temperature sealing -40-250 °C with radiator

Housing / protection class / antenna protection class

P Plastic / IP65 ;L aluminum / IP67

Cable Interface

M M20 * 1.5

N 1 / 2NPT

Site display

V included

X without

Programmer

B included

X without a probe length (mm)

➢ Guided Wave radar level gauge

MODEL NO. : BIMCO1000C3

Technical Parameter:

Application	Liquid powder
Measuring range	30 meter
Process connection	flanged
Medium Temperature	-40-250°C
Process pressure	-0.1-2MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model Selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol

I intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integration process connection/ Material

D stainless steel flange DN80 PN16C; E stainless steel flange DN100 PN16C
F stainless steel flange DN150 PN16C;H stainless steel flange DN200 PN16C
K stainless steel flange DN250 PN16C;Y special convention

Sealing temperature

P common seal -40 ... 100 °C
G high temperature sealing -40-250 °C with radiator

Housing/ protection class/ antenna protection class

P Plastic / IP65
Aluminum / IP67

Cable Interface

M M20 * 1.5
N 1 / 2NPT

Site display

V included
X without

Programmer

B included
X without

➢ Guided Wave radar level gauge

MODEL NO. : BIMCO1000C4

Technical Parameter:

Application	Liquid
Measuring range	6 meter
Process connection	Thread, flanged
Medium Temperature	-40-400°C
Process pressure	-0.1-4.0MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model Selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol
I intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol
D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integrated Process connection/ Material

D stainless steel flange DN80 PN16C
E stainless steel flange DN100 PN16C
F stainless steel flange DN150 PN16C
H stainless steel flange DN200 PN16C
K stainless steel flange DN250 PN16C
Y special convention

Sealing temperature

P common seal -40 ... 100 °C
G high temperature sealing -40-250 °C with radiator

Housing/ protection class/ antenna protection class

P Plastic / IP65
L aluminum / IP67

Cable Interface

M M20 * 1.5
N 1 / 2NPT

Site display

V included
X without

Programmer

B included
X without

➢ Guided Wave radar level gauge

MODEL NO. : BIMCO1000C5

Technical Parameter:

Application	Corrosive liquids
Measuring range	Rod(6 meter), Cable type (20meter)
Process connection	Thread, flanged
Medium Temperature	-40-120°C
Process pressure	-0.1-2MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model Selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol

I intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integrated Process connection/ Material

C stainless steel flange DN50 PN16C

D stainless steel flange DN80 PN16C

E stainless steel flange DN100 PN16C

F stainless steel flange DN150 PN16C

Y special convention

Sealing temperature

P common seal -40 ... 100 °C

Housing/ protection class/ antenna protection class

P Plastic / IP65

L aluminum / IP67

Cable Interface

M M20 * 1.5

N 1 / 2NPT

Site display

V included

X without

Programmer

B included

X without

➢ Guided Wave radar level gauge

MODEL NO. : BIMCO1000C6

Technical Parameter:

Application	Low dielectric constant or surface with fluctuation liquid
Measuring range	6 meter
Process connection	Flanged
Medium Temperature	-40-250°C
Process pressure	-0.1-2MPa
Precision	±3mm
Frequency range	100MHZ-1.8GHZ
Anti-explosion/safety grade	Exia IIC T6 Ga/IP67
Signal output	4...20mA/HART(Two-wire)

Model Selection:

Explosion

P non-explosion-proof (ordinary type) current signal output (4-20mA) HART protocol

I Intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

D Intrinsically safe explosion-proof (Exia IIC T6 Ga) current signal output (4-20mA) HART protocol

Integrated Process connection/ Material

C stainless steel flange DN50 PN16C

D stainless steel flange DN80 PN16C

E stainless steel flange DN100 PN16C

F stainless steel flange DN150 PN16C

H stainless steel flange DN200 PN16C

Y special convention

Sealing temperature

P common seal -40 ... 100 °C

G high temperature sealing -40-250 °C with radiator

Housing/ protection class/ antenna protection class

P Plastic / IP65

L aluminum / IP67

Cable Interface

M M20 * 1.5

N 1 / 2NPT

Site display

V included

X without

Programmer

B Included

X without

Manufactured & Marketed By :
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