



BE Series

Stainless Steel Pressure Gauge with Contact

Features

- Accuracy Class 1.6 or Class 2.0
- High reliability and long life services
- Electric, magnetic and inductive contact
- Design with 1, 2 and Multi contacts*
- All stainless steel construction and wetted part
- Pressure range -1..0, 0..1 up to 1000 bar
- Over pressure up to 30% of Full Scale
- Excellent vibration resist with liquid filling



Application

BE Series is a superior design pressure gauge with contact, fillable with electrical oil to deal with severe pulsation and vibration. It can combine with Diaphragm chemical seal for further extend its usage in corrosive process line. Suitable for use in Water treatment, Pumping station, Chemical plant, Oil & Gas, etc.

Technical Specification

- Nominal Size
100 and 150 mm
- Accuracy Class
Class 1,6, Optional Class 2.5 (2 1/2")
Set accuracy Class 4.0
- Case Ingress Protection
Dry gauge IP54
Liquid filled IP65
- Connection Size
G 1/2 or 1/2 NPT
- Scale Range
-1..0, 0..1 bar up to 1000 Bar
Compound -1..+24 Bar
- Application range
Constant load : Up to 100% F.S.
Alternative load : Up to 90% F.S.
Overpressure resist 130%
- Filling
Dry or Liquid filled
- Environment Temperature
Ambient -30°..+60°C
Media -20°..+80°C
- Casing and Bezel Ring
Stainless steel 304
- Wetted Parts
Stainless steel 316
- Window
Plain instrument glass, with adjuster base
- Pointer
Black painted aluminium
- Filling plug
Standard industrial rubber



Contact

- Contact type
Magnetic, electric and inductive
- Contact design
1 or 2 contacts standard
3 or 4 contacts - SCB Series
- Maximum working voltage
380 VAc or 220 VAc
- Maximum current
1A
- Contact power
30 VA
- Contact function
Please see 'Contact Function' table
* Multi contacts type, please consult



Ordering Code



BRO THOTERM
GERMANY TECHNOLOGY

BE ^① Dial ^② <Pressure range> ^③ Mounting ^④ - Connection ^⑤ - Filling ^⑥ - Contact ^⑦ *Option ^⑧

①	Model - Contact type
A	Magnetic contact
B	Electric contact
E	Inductive contact
②	Dial Size
500	100 mm
750	150 mm
④	Mounting
D	Bottom / Direct connection
B	Back connection
W	Bottom conn., back flange / Wall
S	Back conn., back flange / Surface
P	Back conn., front flange / Panel
⑤	Connection size
G2	G 1/2"
N2	1/2"NPT
⑥	Filling
D	Dry (Not fillable)
F	Special liquid filled
⑦	Contact function
Please refer to Contact Function table, next page...	
⑧	Option
SU	Special unit range
OC	Other connection thread
SCB	Multi contact, please contact us.....

③ Dual ranges			Single range		
Bar	&	Psi	Bar or kg/cm2	Psi	kPa
-1..0	-30"Hg..	0	-1..0	-30"Hg..	0
-1..0.6	-30"Hg..	8	-1..0.6	-30"Hg..	10
-1..1.5	-30"Hg..	20	-1..1.5	-30"Hg..	15
-1..3	-30"Hg..	40	-1..3	-30"Hg..	30
-1..5	-30"Hg..	70	-1..5	-30"Hg..	60
-1..9	-30"Hg..	130	-1..9	-30"Hg..	150
-1..15	-30"Hg..	200	-1..15	-30"Hg..	200
-1..24	-30"Hg..	350	-1..24	-30"Hg..	300
0..1	0..15		0..1	0..15	
0..1.6	0..23		0..1.6	0..20	
0..2.5	0..35		0..2.5	0..30	
0..4	0..60		0..4	0..60	
0..6	0..85		0..6		
0..7	0..100		0..7	0..100	
0..10	0..150		0..10	0..150	
0..16	0..230		0..16	0..200	
0..25	0..350		0..25	0..300	
0..40	0..600		0..40	0..600	
0..60	0..850		0..60		
0..70	0..1000		0..70	0..1000	
0..100	0..1500		0..100	0..1500	
0..160	0..2300		0..160	0..2000	
0..250	0..3500		0..250	0..3000	
0..400	0..6000		0..400	0..6000	
0..600	0..8500		0..600		
0..700	0..10000		0..700	0..10000	
0..1000	0..15000		0..1000	0..15000	

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