

Diaphragm Seals > Flanged Seals > 990.FB

## Type 990.FB

WIKA type 990.FB, all-welded flanged seal configuration is comprised of an upper and lower housing welded together with an internal diaphragm providing a leak-free design. This all-welded design is ideal for applications where emissions to the environment are tightly monitored.



### Standard Features

**Pressure Rating, Maximum:** 1,500 psi or maximum flange rating per ASME B.16.5

**Suitable Pressure Span, Minimum<sup>1</sup>:**

**Gauge (Range<sup>2</sup>):**

2½", ≥ 15 psi

4 or 4½", ≥ 15 psi

**Pressure Transmitters<sup>3</sup>:** ≥ 15 psi

**Operating Temperature<sup>4</sup>:** -130°F to 752°F (-90°C to 400°C)

### Available Options

- Other process connections, DIN, JIS
- Cooling element
- Capillary tubing

Notes:

1. Typical values, dependant on pressure instrument and application
2. Includes compound ranges
3. Absolute pressure - check with factory
4. Can vary based on selection of materials, O-ring, assembly hardware and system fill fluid

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990.FB Smart Code Configuration		
Field no.	Code	
1	Process connection type	
	A	ASME B16.5
	?	Other - please specify
2	Process connection	
	SM05	1/2"
	SM07	3/4"
	SM10	1"
	SM15	1 1/2"
	SM20	2"
	????	Other - please specify
3	Nominal pressure rating	
	1	Class 150
	2	Class 300
	4	Class 600
	5	Class 900
	6	Class 1500
	?	Other - please specify
4	Sealing face style	
	1B	Raised Face (RF) 125 ... 250 RMS
	1F	Ring (Type) Joint (RTJ / RJF)
	??	Other - please specify
5	Upper housing material	
	C2	316L SS (1.4435)
	T1	Titanium grade 2 (3.7035) <sup>1</sup>
6	Diaphragm material	
	??	Other - please specify
	C2	316L SS (1.4435)
	H3	Hastelloy® B2 (2.4617)
	H4	Hastelloy® B3 (2.4600)
	H2	Hastelloy® C276 (2.4819)
	M1	Monel® 400 (2.4360)
	I1	Inconel® 600 (2.4816)
	I2	Incoloy 825 (2.4858)
	NL	Nickel
	T1	Titanium grade 2 (3.7035) <sup>1</sup>
C0	Carpenter 20	
??	Other - please specify	

990.FB Smart Code Configuration		
Field no.	Code	
7	Lower housing material	
	C2	316L SS (1.4435)
	H3	Hastelloy® B2 (2.46017)
	H4	Hastelloy® B3 (2.4600)
	H2	Hastelloy® C276 (2.4819)
	M1	Monel® 400 (2.4360)
	I1	Inconel® 600 (2.4816)
	I2	Incoloy 825 (2.4858)
	NL	Nickel
	T1	Titanium grade 2 (3.7035)
8	Flushing connection	
	??	Other - please specify
8	Flushing connection	
	Z	Without
	1	1 x 1/8" NPT female
	2	1 x 1/4" NPT female
	4	2 x 1/8" NPT female
8	Flushing connection	
	5	2 x 1/4" NPT female
8	Flushing connection	
	?	Other - please specify

<sup>1</sup> All titanium design, only threaded instrument connections available

DIAPHRAGM SEALS

\*Additional order details \_\_\_\_\_

Order Code:      1      2      3      4      5      6      7      8

**990.FB -**

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