

Diaphragm Seals > Threaded Seals > 990.TB

Type 990.TB

The WIKA type 990.TB large mini-seal is used for low pressure applications to protect the installed instrument from clogging due to viscous, contaminated or solidified process medium. This seal also allows for an exotic material interface with the process to protect the instrument from a corrosive application.

Standard Features

Design: The diaphragm is welded together with the lower and upper housing, generating a leak-free construction. The diaphragm is located between the upper and lower housing. A flushing port can be added to the lower housing to clean the diaphragm cavity.

Pressure Rating, Maximum: 2,500 psi

Suitable Pressure Span, Minimum¹:

Gauge (Range²):

2½", ≥ 15 psi

4" or 4½", ≥ 15 psi

Pressure Transmitters³: ≥ 15 psi

Operating Temperature: -130°F to 752°F (-90°C to 400°C)

Available Options

- Other materials
- Additional process connections
- Cooling element

Notes:

1. Typical values, dependant on pressure instrument and application
2. Includes compound ranges
3. Absolute pressure - check with factory



990.TB Smart Code Configuration

Field no.	Code	
		Process connection
	P4F	¼" NPT female
	P2F	½" NPT female
	P3F	¾" NPT female
	P1F	1" NPT female
	P4M	¼" NPT male
	P2M	½" NPT male
	P3M	¾" NPT male
	P1M	1" NPT male
1	???	Other - please specify
		Nominal pressure rating
	P3	2500 psi MWP
2	??	Other - please specify
		Upper housing material
	C2	316L SS (1.4435)
	M1	Monel® 400 (2.4360)
3	??	Other - please specify
		Diaphragm material
	C2	316L SS (1.4435)
	H2	Hastelloy® C276 (2.4819)
	M1	Monel® 400 (2.4360)
	C0	Carpenter 20
4	??	Other - please specify
		Lower housing material
	C2	316 L SS (1.4435)
	H2	Hastelloy® C276 (2.4819)
	M1	Monel® 400 (2.4360)
	C0	Carpenter 20
5	??	Other - please specify
		Flushing connection
	Z	Without
	1	1 x ⅛" NPT female
	2	1 x ¼" NPT female
6	?	Other - please specify

Order Code: 1 2 3 4 5 6

990.TB- **ZZZ**

*Additional order details _____

Master Gauge Co.



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