

Diaphragm Seals > Threaded Seals > 990.TA

Type 990.TA

When an application is not well-suited for a gauge alone, due to clogging or corrosive material, the WIKA 990.TA is ideal. This mini-seal is economical and features a one-piece, tamper-resistant construction with an upper and lower housing, eliminating the need for a gasket. The 990.TA is used in a variety of industries.



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", ≥ 30 psi

4" or 4½", ≥ 160 psi

Pressure Transmitters: ≥ 60 psi

Operating Temperature³: -40°F to 400°F (-40°C to 204°C)

Available Options

- Other materials
- Additional process connections
- 5,000 psi design

Notes:

1. Typical values, dependant on pressure instrument and application
2. Includes compound ranges
3. Can vary based on selection of materials, assembly hardware and system fill fluid

990.TA Smart Code Configuration

Field no.	Code
Process connection	
	P4F ¼" NPT female
	P2F ½" NPT female
	P4M ¼" NPT male
	P2M ½" 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 316L 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.TA - **ZZZ**

*Additional order details _____

Master Gauge Co.



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