



Diaphragm-Type Seals

Diaphragm Gauge

Type M93X.D1

Diaphragm Seals

Application

Process industry diaphragm gauge for use in corrosive contaminated or viscous media. Unit does not allow any excess to the system fill, gauge is permanently welded to the seal body.

Design

Process industry gauge with integrated diaphragm seal, requires hydraulic fluid to transmit pressure to instrument

Process Connection

¼" and ½" NPT

Suitable Pressure Ranges

Max 5000PSI

Operating Temperature

Media: 0 to 300°F

Ambient: 0 to 140°F (with dry case)

0 to 140°F (with filled case)

Gauge Size

4 ½" Process gauge

Dial

White aluminum with black lettering

Accuracy

±0.5% of span



Case Material

Fiberglass reinforced thermoplastic, black and ring

Window

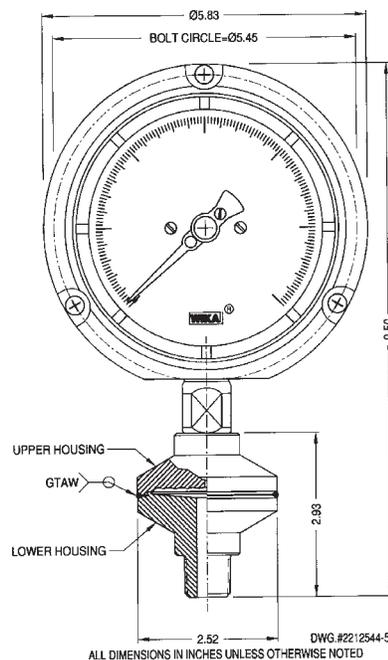
Acrylic

Pointer

Black aluminum, adjustable

Available Options

See Selection Guide (over)



To determine the effects of temperature and response time in a specific application, contact the factory for an **Application Questionnaire**. The information provided will allow WIKAL Technical Support to accurately model your application parameters using state-of-the-art computer simulation techniques.

ACS M93X.D1

Order code for GASTRAP Seal Type M93X.D1

Field No.	Code	Instrument Design
	Case Fill	
1	2	Without
	3	With (glycerine-standard)
	Nominal Size	
2	U	4 1/2"
	Unit	
3	P	Psi
	0	Dual scale psi / kg/cm2
	C	Dual scale psi / kpa
	F	Dual scale psi / bar
	?	Please give customer's specifications
	Range	
	CA	-30 inHg...0
	CB	-30inHg...15 psi
	CD	-30 inHg...30 psi
	CF	-30 inHg...60 psi
	CH	-30 inHg...100 psi
	CK	-30 inHg...160 psi
	CL	-30 inHg...200 psi
	CM	-30 inHg...300 psi
	CO	-30 inHg...400 psi
	BC	0 psi...15 psi
	BD	0 psi...30 psi
	BE	0 psi...60 psi
	BF	0 psi...100 psi
	BG	0 psi...160 psi
	BH	0 psi...200 psi
	BI	0 psi...300 psi
	BK	0 psi...400 psi
	BL	0 psi...600 psi
	BM	0 psi...800 psi
	BN	0 psi...1000 psi
	BO	0 psi...1500 psi
	BP	0 psi...2000 psi
	BQ	0 psi...3000 psi
	BS	0 psi...5000 psi
4	??	Please give customer's specifications
	Connector Position	
5	3	Lower back mount
	U	Lower mount
	?	Please give customer's specifications

Field No.	Code	Instrument Design
6	Window	
	A	Acrylic
	G	Instrument glass
	H	Laminated safety glass
	?	Please give customer's specification
7	Process Connection	
	GNB	1/4 NPT male
	GND	1/2 NPT male
	GN2	1/4 NPT female
	GN4	1/2 NPT female
???	Please give customer's specifications	
8	Diaphragm Material	
	A2	Stainless steel 316L (1.4435)
	A7	Hastelloy C276 (2.4819)
9	A8	Monel 400 (2.4360)
	Lower Housing Material	
	A2	Stainless steel 316L (1.4435)
10	A7	Hastelloy C276 (2.4819)
	A8	Monel 400 (2.4360)
	Fill Fluid	
11	A1	KN 2 Silicon oil
	E1	KN 21 Halocarbon
	A2	KN 32 DC 704
	B2	KN 68 DC 200 (10 cSt)
	??	Please give customer's specifications
12	Flushing Connection	
	1	Without
	2	1x 1/8 NPT
	3	1x 1/4 NPT
	4	2x 1/8 NPT
5	2x 1/4 NPT	
?	Please give customer's specifications	
13	Special Design Features	
	Z	Without
	2	With stainless steel tag
	A	Clean for oxygen service, ASME B40.1, level IV
	?	Please give customer's specifications
13	Quality Certificates	
	Z	Without
	L	Certificate of Compliance
	B	Certification to EN 10 204 3.1B (material certificates)
	I	NIST certificate of calibration
?	Please give customer's specifications	

To determine the effects of temperature and response time in a specific application, contact the factory for an **Application Questionnaire**. The information provided will allow WIKA Technical Support to accurately model your application parameters using state-of-the-art computer simulation techniques.

Additional Order Details	
Z	Without
T	Additional text

14

Order Code

M93	¹ <input type="text"/>	.	D1-	² <input type="text"/>	³ <input type="text"/>	⁴ <input type="text"/>	⁵ <input type="text"/>	⁶ <input type="text"/>	⁷ <input type="text"/>	⁸ <input type="text"/>	⁹ <input type="text"/>	¹⁰ <input type="text"/>	¹¹ <input type="text"/>	¹² <input type="text"/>	-	¹³ <input type="text"/>	¹⁴ <input type="text"/>
-----	-----------------------------------	---	-----	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	------------------------------------	------------------------------------	------------------------------------	---	------------------------------------	------------------------------------

Additional Text: _____

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



WIKAI Instrument Corporation

1000 Wiegand Boulevard

Lawrenceville, Georgia 30043-5868

Tel: 770-513-8200 Fax: 770-338-5118

<http://www.wika.com> e-mail: chemseal@wika.com