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Type M93X.25

Type M93X.25 sanitary gauge provides a 3/4" Tri-Clamp® process connection with a 2 1/2" stainless steel gauge. This assembly contains an electropolished process connection and meets the criteria set by 3A. The gauge is ideal for applications in the food and beverage, pharmaceutical and biotechnology industries.



Standard Features

Design: This all-welded gauge assembly contains an external flush diaphragm on the 3/4" Tri-Clamp® process connection.

Each gauge contains a traceable identification number.

Pressure Rating, Maximum¹: 1,500 psi, limited by installation clamp rating

Suitable Pressure Ranges: -30" Hg to 60 psi
up to -30" Hg to 1,500 psi

Operating Temperature: 50°F to 257°F (-10°C to 125°C)

Ambient Temperature: 50°F to 175°F (-10°C to 80°C)

Gauge Features

Dial Size: 2 1/2"

Process Connection: 3/4" Tri-Clamp®

Process Wetted Materials: 316L SS electropolished

Case Material: Polished stainless steel with vent plug

Window: Polycarbonate

Dial: Aluminum, white

Pointer: Black aluminum

Accuracy: ±2/1/2% ASME B40.1 Grade A

System Fill Fluids: Glycerine (non-vacuum and compound ranges)
Mineral oil (vacuum and compound ranges)

Available Options

- Polysulfone window
- Autoclaveable (dry case only)
- External zero adjust

Notes:

1. Pressure rating and range dependent on mating clamp

2. Dry case, case weep holes and polysulfone window required for autoclaving

M93X.25 Smart Code Configuration	
Field no.	Code
1	Case filling for vibration protection
	2 Without ¹
	3 Glycerine (standard)
2	Unit
	P psi
3	S Special pressure range
	Pressure range
	V331 -30 inHg...30 psi
	V352 -30 inHg...60 psi
	V379 -30 inHg...100 psi
	V412 -30 inHg...160 psi
	V415 -30 inHg...200 psi
	G321 0 psi...30 psi
	G341 0 psi...60 psi
	G369 0 psi...100 psi
	G411 0 psi...160 psi
	G414 0 psi...200 psi
G421 0 psi...300 psi	
G428 0 psi...400 psi	
G441 0 psi...600 psi	
4	2nd Scale / special scale
	K 2nd Scale kg/cm ²
	B 2nd Scale bar
	L 2nd Scale kPa
5	Z Without
	Window
6	E Polycarbonate
	8 Polysulfone ¹
7	Material of wetted parts
	CT 316L SS (1.4435) electropolished
	H2 Hastelloy® C276 (2.4819)
	?? Other - please specify
	Fill fluid
8	F1 KN 7 Glycerine ²
	K3 KN 93 - Food grade silicone
	K5 KN 59 - NEOBEE® M20
	J2 KN 92 - Medicinal white mineral oil
9	?? Other - please specify
	Gasket
	H EPDM
10	? Other - please specify
	Quality certificates
	Z Without
	2 Certificate 2.2 EN 10204
Additional order details	3 Certificate 3.1 EN 10204
	Z Without
	O External "zero" adjust
	K Autoclave design, case with weep holes ¹
	M Integral cooling element for clean steam option up to 149 °C (300 °F)
T Additional order details	

¹ Dry case and polysulfone window are required for special autoclave design

² Not recommended for vacuum or compound ranges

Order Code: 1 2 3 4 5 6 7 8 9 10*

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*Additional order details