

Sanitary Pressure Gauge

07/2017

Applications

Pharmaceutical Industry
Biotechnology
Food & Beverage

Standard features

- 2.5" nominal case size
- 3/4" Tri-Clamp® lower mount process connection
- Wetted Material: 316L stainless steel, electro-polished
- Window Material: polycarbonate
- Sanitary documentation provided with each gauge
- Compliance with "3A" third party standards



Order numbers

2.5" case, Lower Mount, 3/4" Tri-clamp®		
Description		
Case: Dry or Glycerine Filled	Dry Case M932.25	Glycerine Filled Case M933.25
Tri-Clamp® Connection Size	Assembly Number	Assembly Number
-30 inHg ... 30 psi	4323964	50455362
-30 inHg ... 60 psi	4323972	52507149
-30 inHg ... 100 psi	---	50461419
-30 inHg ... 160 psi	---	---
0 ... 30 psi	4323999	50985290
0 ... 60 psi	4324005	4324005-0001
0 ... 100 psi	4324013	50197878
0 ... 160 psi	4324021	50345028
0 ... 200 psi	4324030	50469011
0 ... 300 psi	4324048	4324048-0001
0 ... 400 psi	---	---
0 ... 600 psi	50699075	50175581

Legend: available after production ---- available, part number not assigned

System Fill Fluid (FDA Approved):
Positive pressure = glycerine
Compound pressure = white mineral oil

Reference WIKA Data Sheet M93x.25 for additional details
"---" shown configurations are available, assembly part number hasn't been assigned

Quick order code (you can find further possible variants in data sheet M93X.25)

Type M932.25 - Dry Case

Type M933.25 - Liquid Filled Case

Field no.	Code	Version
Pressure Range		
①	C030	-30 inHg ... 30 psi compound range
	C060	-30 inHg ... 60 psi compound range
	C100	-30 inHg ... 100 psi compound range
	C160	-30 inHg ... 160 psi compound range
	P100	100 psi gauge pressure range
	P160	160 psi gauge pressure range
	P200	200 psi gauge pressure range
	P300	300 psi gauge pressure range
	P400	400 psi gauge pressure range
	P600	600 psi gauge pressure range
	XXXX	Other - consult factory
Pressure units		
②	PX	PSI - single scale
	PC	PSI outside / KG/CM ² inside red
	PK	PSI outside / KPA inside red
	PB	PSI outside / BAR inside red
	XX	Other - consult factory
Pressure location		
③	LM	Lower mount
	XX	Other - consult factory
Process connection		
④	75	3/4" Tri-Clamp® connector
	10	1" Tri-Clamp® connector
	XX	Other - consult factory
Wetted parts material		
⑤	ES	Electropolished 316L SS (1.4435) (see note 5)
	HC	Hastelloy C276 (2.4819)
	XX	Other - consult factory

Field no.	Code	Version
System fill		
⑥	07	KN7 - Glycerine 99.7% USP (1000 cst) - FDA 21 CFR 182.1320 (see note 1)
	59	KN59 - Neobee M20 - FDA 21 CFR 172.856, 174.5
	92	KN92 - Mineral Oil LubePharm (23 cst) - FDA 21 CFR 172.878, 178.3620 (a): USP, EP
	93	KN93 - Silicone Oil DC200 (350 cst food grade) - FDA 21 CFR 173.340
	XX	Other - consult factory
Window material		
⑦	LPC	Polycarbonate
	LPS	Polysulfone
Options - (see note 2)		
⑧	FGL	Glycerine case fill - change model # to M933.25
	CE0	Integral cooling element (Tmax 300°F)
	MZA	External zero adjustment feature
	XAC	Autoclave design, case with 2 weep holes (see note 4)
	WSS	Instrument tag, Stainless steel
	XEP	Certificate of electropolish finish
	XMT	Material Certificate 3.1 EN 10204 (metal only) (see note 3)
	XNI	NIST - Certificate of calibration

Notes:

- 1) Glycerine (07) is not available for vacuum & compound pressure measurement ranges. Consult factory for exceptions.
- 2) List options in alphabetical order at the end of the configuration code.
- 3) All product under this model series is provided with calibration protocol, electropolish finish, and material based information report per 2.2 EN 10204 as standard.
- 4) Autoclave design requires polysulfone window (LPS) and dry gauge case (M932.3A).
- 5) Electropolish finish is Ra ≤ 15 µin per ASME BPE SF4 (except for weld seam)

Order code: M93X.25

①	②	③	④	⑤	⑥	⑦	⑧
		LM					

© 2016 WIKA Alexander Wiegand SE & Co. KG, alle Rechte vorbehalten.
Die in diesem Dokument beschriebenen Geräte entsprechen in ihren technischen Daten dem derzeitigen Stand der Technik.
Änderungen und den Austausch von Werkstoffen behalten wir uns vor.

WIKA Instrument, LP

1000 Wiegand Blvd. · Lawrenceville, GA 30043-5868
Tel. 888-WIKA-USA · 770-513-8200 · Fax 770-338-5118
info@wika.com · www.wika.com

