# Diaphragm-Type Sanitary Gauge Type M932.2C

WIKA Datasheet M932.2C

# **Applications**

- Pharmaceutical Industry
- Biotechnology
- Food & Beverage

# **Standard Features**

### Design

Type M932.2C sanitary gauge assembly provides a 3/4" Tri-Clamp® process connection welded to a 11/2" or 2" stainless steel gauge. This assembly meets the criteria set by "3A". This gauge is ideal for applications in the food & beverage, pharmaceutical and biotechnology industries.

#### **Process Connection**

3/4" Tri Clamp®

## **Pressure Ranges**

1,500 psi maximum limited by installation clamp rating

# **Operating Temperature**

Media: +10°C to 100°C Ambient: +10°C to +60°C

# Gauge Size

11/2" or 2", lower and back mount

#### Dia

White aluminum with black lettering

## Accuracy (Ref. 73°F)

±3/2/3% of span (ASME B40.100 Grade B)

#### **Wetted Parts**

316L SS

## System Fill (FDA approved)

Glycerine, KN 7 - non-vacuum application Mineral oil, KN 92 - vacuum application



## M932.2C Sanitary Gauge

#### **Case Material**

304 SS and stainless steel ring

## Window

1½": Standard acrylic 2": Standard glass

#### **Pointer**

Black aluminum

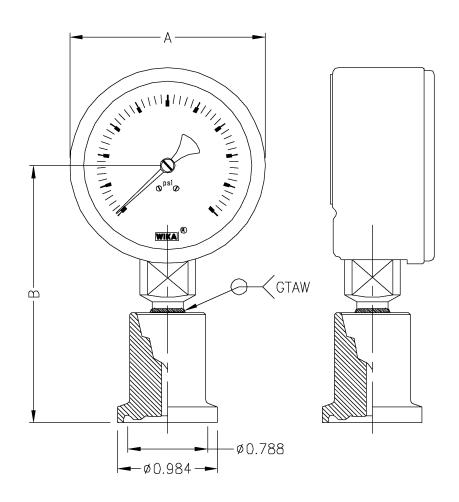
# **Available Options**

See selection guide (over) EPDM gasket (consult factory)

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.

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(1)=NOMINAL SIZE ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

DIAL SIZE	A(1)	В				
1-1/2"	1.5	2.62				
2"	2.0	2.85				

		M932.2C S					
Field no.	Code Description - Gauge with Diaphragm Sea						
		Dial Size					
	15	1.5" Gauge case					
1	20	2" Gauge case					
		Pressure Range					
	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					
	P030	30 psi Gauge pressure range					
	P060	60 psi Gauge pressure 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					
2	XXXX	Other - consult factory					
		Pressure Units					
	PX	psi - Single scale					
	PC	psi outside / KG/CM² inside in red					
	PK	psi outside / KPA inside in red					
	PB	psi outside / BAR inside in red					
3	SP	Special scale					
		Connector Location					
	LM	Lower mount					
4	BK	Center back mount					
		Process Connection					
5	75 3/4" Tri-Clamp® connector						
		Wetted Parts Material					
	ES	Electropolished 316L SS					
		(1.4435) Ra ≤ 20 μin					
	HC	Hastelloy C276 (2.4819)					
6	XX	Other - consult factory					

Selection Guide								
	Field	Code	Description - 2" Gauge with Diaphragm					
	no.	Code	Seal - all SST Internals					
			System Fill					
-		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					
	7	XX	Other - consult factory					
			Window Material					
	8	LIG	Window glass					
-			Options (see note 2)					
		XEP	Wetted parts electro-polished w/ certificate					
		XMT	Material Certificate 3.1 EN10204 (metal only) (see note 3)					
		WNI	NIST - Certificate of Calibration					
	9	WSS	Instrument tag, Stainless steel					
1								

Order Code:	1	2	3	4	5	6	7	8		9 1	0*	
M932.2C									-			

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.

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\*Additional order details

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## Ordering information

Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required. Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.



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