*Date: 21/04/2023*

# 232.50.100 10 bar Diaphragm Seal 9 o'clock

## Bourdon Tube Pressure Gauges, Stainless Steel

Item number: 48767958

Quantity: 1 pcs.

Order code: DSS1-MS990.19-123X50-DZZZD-C7S65ZJ2-ZZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
232.50-E-BG410Z-CA-GZHZAZZ-ZZZZZZZ 213D311IXX0 Z2Z-IZZZZZZ12ZZZ
H990.19-MNN2115C2C2AZZZZ Z

Overview: 232.50.100 10 bar Diaphragm Seal 9 o'clock
Measuring System 316L Version 1 small volume (for diaphragm seals)
Ingress protection: IP 65
class 1.0
Window: laminated safety glass
adjustable pointer
Pressure Gauge Standard: International (standard Europe)
*WIKA*
with Serial number

Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 92 Medicinal white mineral oil; for pharmaceutical and food applications; FDA, USP, EP
Process temperature min.: + 10°C
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Diaphragm seal for pharmaceutical, biochemical and
Screw connection following SS standard - Grooved union nut
Model 990.19 DN 38 (pipe dimensions 38.0 x 1.2)
pipe standard: Pipe dimensions per DIN 1127 row 2 or ISO 2037/1992
Upper body material / main body material: Stainless steel 1.4435 (316L); UNS S31603
Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3

Label: WIKA standard without / with Tag-number

Details: Bourdon Tube Pressure Gauges, Stainless Steel
Series

*© 2023 - WIKA Instruments s.a.r.l.*

Model: 232.50
Specifications according to data sheet: PM 02.02
Measuring system: stainless steel
Case filling: without
Nominal size: 100 mm
Scale range: 0...10 bar
Process connection: Diaphragm Seal
Connector location: 9 o'clock
Window: laminated safety glass
Pointer: adjustable pointer
Accuracy class: class 1.0
Overpressure safe: standard
Case material: Stainless steel 1.4301
Case surface: bare
Material pressure element: Measuring System 316L
Case filling fluid: prepared for filling
Special measuring element: Version 1 small volume (for diaphragm seals)
Ingress protection: IP 65
Movement: stainless steel
Packaging: single packing
Pressure Gauge Standard: International (standard Europe)
Manufacturer logo: *WIKA*
with Serial number
Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 92 Medicinal white mineral oil; for pharmaceutical and food applications; FDA, USP, EP
Process temperature min.: + 10°C
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Diaphragm seal for pharmaceutical, biochemical and
food industry
Specifications according to data sheet: DS 99.40
Diaphragm seal: Model 990.19
Process connection type: Screw connection following SS standard
Process connection specification: Grooved union nut
Process connection: DN 38 (pipe dimensions 38.0 x 1.2)
pipe standard: Pipe dimensions per DIN 1127 row 2 or ISO 2037/1992
Upper body material / main body material: Stainless steel 1.4435 (316L); UNS S31603
Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3

Label: WIKA standard without / with Tag-number

© 2023 - WIKA Instruments s.a.r.l.