Date: 24/04/2023

232.50.100 16 bar Diaphragm Seal lower mount

Bourdon Tube Pressure Gauges, Stainless Steel

Item number: 48801541

Quantity: 1 pcs.

Order code: DSS1-MT990.34-123X50-MK1MA-C5365ZA1-2ZAZZZZZ WA1-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
232.50-E-BG416Z-CA-UZHZAZZ-AHAZZZZ 213D311IXX0 Z2Z-IZZZZZZ12ZZZ
H990.34-G2MD8C1C2C1ZZZZZ 2 052H
CERT22-EG41-AA- - - - - - -

Overview: 232.50.100 16 bar Diaphragm Seal lower mount
Measuring System 316L Version 1 small volume (for diaphragm seals)
Ingress protection: IP 65
Explosion protection: ATEX Ex h Gas Zone 1 / Dust Zone 21 (II 2G Ex h IIC T6 ... T1 Gb X / II 2D Ex h IIIC T85 °C … T450 °C Db X)
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: 5 meter capillary; stainless steel
System fill fluid: KN 2 Silicone oil for general applications
Process temperature min.: - 10°C
Process temperature max.: + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Welded design, threaded process connection
High-Side
Model 990.34 G 1/2" male PN 160
Upper body material / main body material: Stainless steel 1.4404 (316L); UNS S31603
Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Lower part material: Stainless steel 1.4404 (316L); UNS S31603
Diaphragm diameter: 52 mm

Test certificate acc. to EN 10204 2.2
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Formal certificate: Manufactured according to state-of-the-art

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Date: 24/04/2023

Label: WIKA standard without / with Tag-number

Details:

Bourdon Tube Pressure Gauges, Stainless Steel
Series
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...16 bar
Process connection: Diaphragm Seal
Connector location: lower mount
Window: laminated safety glass
Pointer: adjustable pointer
Explosion protection: ATEX
Ignition protection type: Ex h
Zone: Gas Zone 1 / Dust Zone 21 (II 2G Ex h IIC T6 ... T1 Gb X / II 2D Ex h IIIC T85 °C … T450 °C Db X)
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: 5 meter capillary; stainless steel
System fill fluid: KN 2 Silicone oil for general applications
Process temperature min.: - 10°C
Process temperature max.: + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Capillary inner diameter: ID 2mm (3x0.5 mm)
Welded design, threaded process connection
Specifications according to data sheet: DS 99.04
High-/Low-Side: High-Side
Diaphragm seal: Model 990.34
Threaded connection: G 1/2" male
Nominal pressure rating: PN 160
Upper body material / main body material: Stainless steel 1.4404 (316L); UNS S31603

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Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Lower part material: Stainless steel 1.4404 (316L); UNS S31603
Diaphragm diameter: 52 mm
Test certificate acc. to EN 10204 2.2
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Formal certificate: Manufactured according to state-of-the-art

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