Date: 24/04/2023

233.50.100 10 bar Diaphragm Seal lower mount

Bourdon Tube Pressure Gauges, Stainless Steel

Item number: 48744360

Quantity: 1 pcs.

Order code: DSS1-MT990.10-123X50-DZZZD-C7265ZA1-ZZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
233.50-E-BG410Z-CA-UZHZAZZ-AHAZZZZ 213D3AZIXX0 Z2Z-
IZZZZZZ12ZZZ
H990.10-G2MD6C1C2C1VPZZZZZ ZWST

Overview: 233.50.100 10 bar Diaphragm Seal lower mount
Measuring System 316L
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
Case filling fluid: glycerine
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 2 Silicone oil for general applications
Process temperature min.: + 10°C
Process temperature max.: + 80°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Diaphragm seal with threaded process connection
Model 990.10 G 1/2" male PN 100
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
Gasket: FPM max. 200°C
Fastening parts: Retainer flange and bolts in stainless steel

Label: WIKA standard without / with Tag-number

Details:

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Bourdon Tube Pressure Gauges, Stainless Steel
Series
Model: 233.50
Specifications according to data sheet: PM 02.02
Measuring system: stainless steel
Case filling: with
Nominal size: 100 mm
Scale range: 0...10 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: glycerine
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 2 Silicone oil for general applications
Process temperature min.: + 10°C
Process temperature max.: + 80°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Diaphragm seal with threaded process connection
Specifications according to data sheet: DS 99.01 (Model 990.10)
Specifications according to data sheet: DS 99.06 (Model 990.40)
Specifications according to data sheet: in preparation (Model 990.14)
Diaphragm seal: Model 990.10
Threaded connection: G 1/2" male
Nominal pressure rating: PN 100
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

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Gasket: FPM max. 200°C
Fastening parts: Retainer flange and bolts in stainless steel

Label: WIKA standard without / with Tag-number

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