Date: 24/04/2023

233.30.100 -100/+60 kPa Diaphragm Seal lower mount

Bourdon Tube Pressure Gauges, Safety Pattern

Item number: 48766820

Quantity: 1 pcs.

Order code: DSS1-MF990.27-123X30-DZZZD-C7M76ZA1-2ZAZ1ZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
233.30-E-LV316Z-CA-UZHZAZN-AHAZZZZ 21ED3DZKXX0 Z2Z-IZZZZZZ12ZZZ
H990.27-ASM202SFC1-H2-H2ZZZZZ Z
CERT22-EF41-BB- - - - - - -

Overview: 233.30.100 -100/+60 kPa Diaphragm Seal lower mount
Measuring System 316L
Ingress protection: IP 66
Case material: Stainless steel 316TI
NACE Sour Gas Service
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: Silicon oil M50
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.: + 120°C
Ambient temperature pressure meas. min: + 21°C (room temperature)
Ambient temperature pressure meas. max: + 60°C

Version according to NACE: Version according to NACE MR 0175 according to Technical Information IN 00.21

Diaphragm seal, flange type, flush diaphragm
Model 990.27 2" Class 300 following ASME B16.5
Upper body material / main body material: Stainless steel 1.4404 (316L); UNS S31603
Sealing face: RFSF
Sealing face material: Hastelloy C276 2.4819; UNS N10276
Diaphragm material: Hastelloy C276 2.4819; UNS N10276

© 2023 - WIKA Instruments s.a.r.l.

Date: 24/04/2023

Test certificate acc. to EN 10204 2.2
Certificate Language: English and French
Certificate for: Diaphragm seal system with pressure measuring instrument
Material certificate: Wetted metallic components per NACE MR 0175

Label: WIKA standard without / with Tag-number

Details:

Bourdon Tube Pressure Gauges, Safety Pattern
Series EN 837-1
Model: 233.30
Specifications according to data sheet: PM 02.04
Measuring system: stainless steel
Case filling: with
Nominal size: 100 mm
Measuring range: vacuum- or compound-range
Scale range: -100...+60 kPa
Process connection: Diaphragm Seal
Connector location: lower mount
Window: laminated safety glass
Pointer: adjustable pointer
Special design features: NACE Sour Gas Service
Explosion protection: ATEX
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 316TI
Case surface: bare
Material pressure element: Measuring System 316L
Case filling fluid: Silicon oil M50
Ingress protection: IP 66
Movement: stainless steel
Packaging: single packing
Pressure Gauge Standard: International (standard Europe)
Manufacturer logo: *WIKA*
with Serial number
Ignition protection type: Ex h
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.: + 120°C
Ambient temperature pressure meas. min: + 21°C (room temperature)
Ambient temperature pressure meas. max: + 60°C
Version according to NACE: Version according to NACE MR 0175 according to Technical Information IN 00.21
Diaphragm seal, flange type, flush diaphragm

© 2023 - WIKA Instruments s.a.r.l.

Date: 24/04/2023

Specifications according to data sheet: DS 99.27
Diaphragm seal: Model 990.27
Diaphragm seal: Model 990.27
Process connection standard: following ASME B16.5
Process connection: 2"
Nominal pressure rating: Class 300
Sealing face: RFSF
Upper body material / main body material: Stainless steel 1.4404 (316L); UNS S31603
Diaphragm material: Hastelloy C276 2.4819; UNS N10276
Sealing face material: Hastelloy C276 2.4819; UNS N10276
Test certificate acc. to EN 10204 2.2
Certificate Language: English and French
Certificate for: Diaphragm seal system with pressure measuring instrument
Material certificate: Wetted metallic components per NACE MR 0175

Label: WIKA standard without / with Tag-number

© 2023 - WIKA Instruments s.a.r.l.