Date: 24/04/2023

PGS23.100...LM-D50 -1/+5 bar Diaphragm Seal

switchGAUGE PGS23.100/160

Item number: 48773945

Quantity: 1 pcs.

Order code: DSS1-MS990.22-2PGS23-DZZZD-C7565ZJ2-3ZAZZZZZ WAZ-E
LABEL-PG1DE-ZZZZZ- ZZZZZ
PGS23.100.21ZZZPZ-BV360Z-CA-LM-D50ZZZZIZ-ZZZZ ZZZ
213DZ3H2IXX0 ZZZ-ZZZZZZ11Z
H990.22-TB115C2C2AZ505ZZZ Z
CERT31-EG41-BB-KD- - - - - - - - - -

Overview: PGS23.100...LM-D50 -1/+5 bar Diaphragm Seal
Alte Typenbezeichnung 23x.50.100
magnetic snap action switch, model 821.1
plug sidewise
Case: with pressure blowout disk
Connection location: LM
class 1.0
Window: laminated safety glass
version 2 optimized (for diaphragm seals)
Ingress protection: IP 65
Pressure Gauge Standard: International (standard Europe)
WIKA 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.: + 180°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Diaphragm seal for hygienic applications
Tri-Clamp following BS 4825 Part 3
Model 990.22 DN 38.1 (pipe dimensions 38.1 x 1.6)
pipe standard: Pipe dimensions per BS 4825 part 3 or O.D.-Tube
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
Clamp diameter: 50.5 mm

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Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis
Sanitary applications: Ra <0,76 µm surface roughness wetted parts

Label: WIKA standard without / with Tag-number

Details:

switchGAUGE PGS23.100/160
pressure gauge with switches,
bourdon tube measuring system, stainless steel
Specifications according to data sheet: PV 22.02 and AC 08.01
switch: magnetic snap action switch, model 821
first switch operation: makes (1)
Electrical connection: plug sidewise
Nominal size: 100
Measuring range: vacuum- or compound-range
Scale range: -1...+5 bar
Process connection: Diaphragm Seal
Connection location: lower mount
Liquid Damping (case filling): without filling
Case: with pressure blowout disk
Pressure Gauge Standard: International (standard Europe)
Accuracy class: class 1.0
Overpressure safe: standard
Case material: Stainless steel 1.4301
Case surface: bare
Material pressure element: Measuring System 316L
Window: laminated safety glass
Special measuring element: version 2 optimized (for diaphragm seals)
Ingress protection: IP 65
Movement: stainless steel
Manufacturer logo: *WIKA*
serial number on dial: 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.: + 180°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Typ_ID-No: EZE units
Diaphragm seal for hygienic applications
Specifications according to data sheet: DS 99.41
Diaphragm seal: Model 990.22

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Process connection type: Tri-Clamp following BS 4825 Part 3
Process connection: DN 38.1 (pipe dimensions 38.1 x 1.6)
pipe standard: Pipe dimensions per BS 4825 part 3 or O.D.-Tube
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
Clamp diameter: 50.5 mm
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Label: WIKA standard without / with Tag-number

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