Date: 21/04/2023

PGS23.100...LM-F50 20 bar Diaphragm Seal

switchGAUGE PGS23.100/160

Item number: 48770183

Quantity: 1 pcs.

Order code: DSS1-MS990.19-2PGS23-DZZZD-C7S65ZJ2-ZZAZZZZZ WAZ-E
LABEL-PG1DE-ZZZZZ- ZZZZZ
PGS23.100.221ZZBZ-BG420Z-CA-LM-F50ZZZZIZ-ZZZZ ZZZ
213DD3HZIXX0 ZZZ-ZZZZZZ11Z
H990.19-MNN2120C2C2AZZZZ Z

Overview: PGS23.100...LM-F50 20 bar Diaphragm Seal
Alte Typenbezeichnung 23x.50.100
magnetic snap action switch, model 821.21
L-Plug DIN EN 175201-804 6-pin + PE sidewise
Case: with pressure blowout disk
Connection location: LM
class 1.0
Silicon oil M50
Window: laminated safety glass
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.: + 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 51 (pipe dimensions 51.0 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

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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: breaks (2)
second switch operation: makes (1)
Electrical connection: L-Plug DIN EN 175201-804 6-pin + PE sidewise
Nominal size: 100
Measuring range: gauge pressure range
Scale range: 0...20 bar
Process connection: Diaphragm Seal
Connection location: lower mount
Liquid Damping (case filling): with
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
Case filling fluid: Silicon oil M50
Material pressure element: Measuring System 316L
Window: laminated safety glass
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.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Typ_ID-No: EZE units
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 51 (pipe dimensions 51.0 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

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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

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