Date: 24/04/2023

PGT23.100...LM-D-30 -1/+5 bar Diaphragm Seal LM

intelliGAUGE® PGT23.100/160

Item number: 48796912

Quantity: 1 pcs.

Order code: DSS1-MS990.53-2PGT2A-DZZZD-C6S66BJ2-3ZAZZZZZ WAZ-E
LABEL-PG1DE-ZZZZZ- ZZZZZ
PGT23.100-AZ-BV360Z-CA-LM-D-30ZZ-BZIZ-ZZZZZ ZZ 21H3DZ3 X2Z-ZZZZZZ11Z
H990.53-II138C2C2AZ505ZZZ Z
CERT31-EG41-BB- - - - - - - - - - -

Overview:

PGT23.100...LM-D-30 -1/+5 bar Diaphragm Seal LM
4 ... 20 mA, 2-wire
L-Plug DIN EN 175201-804 6-pin + PE sidewise
class 1.0
Window: laminated safety glass
version 2 optimized (for diaphragm seals)
Permissible medium temperature: changed because of diaphragm seal attachment
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
Servicecategory: Basic Service according to Technical Information IN 00.25
Process temperature min.: + 21°C (room temperature)
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 60°C

Diaphragm seal for hygienic applications
Clamp following ISO 2852
Model 990.53 DN 38 (pipe dimensions 38.0 x 1.2)
pipe standard: Pipe dimensions per ISO 2037 or BS 4825 part 1
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

Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German

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Date: 24/04/2023

Certificate for: Diaphragm seal system with pressure measuring instrument
Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis

Label: WIKA standard without / with Tag-number

Details:

intelliGAUGE® PGT23.100/160
Pressure Transmitter with analog display,
bourdon tube measuring system, stainless steel
Specifications according to data sheet: PV 12.04
Output signal: 4 ... 20 mA, 2-wire
Nominal size: 100
Scale range: -1...+5 bar
Process connection: Diaphragm Seal
Connection location: lower mount
Liquid Damping (case filling): without filling
Case: solid front design EN837 "S3"
Electrical connection: L-Plug DIN EN 175201-804 6-pin + PE sidewise
Pressure Gauge Standard: International (standard Europe)
Accuracy class: class 1.0
Overpressure safe: standard
Window: laminated safety glass
Case material: Stainless steel 1.4301
Case surface: bare
Material pressure element: Measuring System 316L
Permissible medium temperature: changed because of diaphragm seal attachment
Special measuring element: version 2 optimized (for diaphragm seals)
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
Servicecategory: Basic Service according to Technical Information IN 00.25
Process temperature min.: + 21°C (room temperature)
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 60°C
Typ_ID-No: EZE units
Diaphragm seal for hygienic applications
Specifications according to data sheet: DS 99.41
Diaphragm seal: Model 990.53
Process connection type: Clamp following ISO 2852
Process connection: DN 38 (pipe dimensions 38.0 x 1.2)
pipe standard: Pipe dimensions per ISO 2037 or BS 4825 part 1
Upper body material / main body material: Stainless steel 1.4435 (316L); UNS S31603

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