Date: 21/04/2023

PCA2MB 1,6 … 10 bar Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM , 1/2 -14 NPT-F

Compact pressure switch, flameproof Enclosure Ex d

Item number: 48765414

Quantity: 1 pcs.

Order code: DSS1-MS990.19-5COMPA-DZZZD-C7S65ZK5-AZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
PCA2MB-BAEC-DASDZZ1ZZ CZKW
H990.19-MNN2115C2C2AZZZZ Z
B000800IZZZZZZZZZ
F4-C5- - - - -
CERT22-EG41-HE- - - - - - -
CERT31-EG41-BA- - - - - - - - - - -

Overview: PCA2MB 1,6 … 10 bar Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM , 1/2 -14 NPT-F
Compact pressure switch, flameproof Enclosure Ex d PCA
switch enclosure: aluminium,copper-free
Measuring elements and wetted parts: Diaphragm Inconel + O-Ring FPM
Connection: Stainless steel AISI 316L
contact version: 1xSPDT, silver contact, hermetically sealed with argon gas
1,6 … 10 bar, working range -1 … 25 bar, proof pressure 40 bar
Process connection: Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM
Electrical connection: 1/2 -14 NPT-F
standard direct or wall mounting, fixing bore on the case
wetted parts dried

Ingress Protection: IP66
Brand: WIKA Instruments Italia
Specifications according to data sheet: PV 33.31
Repeatability of set point: ≤ 1% of end of setting range

Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 59 Neobee M-20; for food and pharmaceutical applications;FDA
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

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Diaphragm seal for pharmaceutical, biochemical and
Screw connection following SS standard - Grooved union nut
Model 990.19 DN 38 (pipe dimensions 38.0 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

1. set point: 8.00 bar increasing,

Approvals / Certificates
IECEx-ATEX Ex d
Test certificate acc. to EN 10204 2.2
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Sanitary applications: Confirmation EC No. 1935/2004
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)

Label: WIKA standard without / with Tag-number

Details:

Compact pressure switch, flameproof Enclosure Ex d
Model PCA
Specifications according to data sheet: PV 33.31
Repeatability of set point: ≤ 1% of end of setting range
switch enclosure: aluminium,copper-free
Measuring elements and wetted parts: Diaphragm Inconel + O-Ring FPM
1xSPDT, silver contact, hermetically sealed with argon gas
1,6 … 10 bar, working range -1 … 25 bar, proof pressure 40 bar
Process connection: Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM
Electrical connection: 1/2 -14 NPT-F
standard direct or wall mounting, fixing bore on the case
Approvals / Certificates: with
wetted parts dried
Brand: WIKA Instruments Italia
Ingress Protection: IP66
PCA2MB 1,6 … 10 bar
Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 59 Neobee M-20; for food and pharmaceutical applications;FDA
Process temperature min.: + 10°C
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C

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Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
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 38 (pipe dimensions 38.0 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
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1. set point: 8.00 bar increasing,

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Sanitary applications: Confirmation EC No. 1935/2004
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)

Label: WIKA standard without / with Tag-number

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