*Date: 24/04/2023*

# PCS2MA 0,8 … 6 bar Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM, 1/2 -14 NPT-F

## Compact Pressure Switch

Item number: 48712583

Quantity: 1 pcs.

Order code: DSS1-MS990.22-5COMPS-KZSZ1-C7465ZJ2-ZZAZZZZZ WAZ-E
LABEL-PG1DE-ZZZZZ- ZZZZZ
PCS2MA-BADC-DASDZZZZZ ZCKW
H990.22-TB120C2C2AZ064ZZZ Z
B000400IZZZZZZZZZ

Overview: PCS2MA 0,8 … 6 bar Adapter for Diaphragm Seal 1/4NPT-M (not mounted)+EPDM, 1/2 -14 NPT-F
Compact Pressure Switch
PCS
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
Setting range, working range, proof pressure: 0,8 … 6 bar, working range -1 … 10 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 33.30
Repeatability of set point: ≤ 1% of end of setting range

Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Cooling element
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.: + 150°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Diaphragm seal for hygienic applications

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Tri-Clamp following BS 4825 Part 3
Model 990.22 DN 50.8 (pipe dimensions 50.8 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: 64.0 mm

1. set point: 4.00 bar increasing,

Label: WIKA standard without / with Tag-number

Details:

Compact Pressure Switch
Model PCS
Specifications according to data sheet: PV 33.30
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
0,8 … 6 bar, working range -1 … 10 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: without
wetted parts dried
Switch standard: without
Brand: WIKA Instruments Italia
Ingress Protection: IP66
PCS2MA 0,8 … 6 bar
Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Cooling element
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.: + 150°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
Process connection type: Tri-Clamp following BS 4825 Part 3
Process connection: DN 50.8 (pipe dimensions 50.8 x 1.6)
pipe standard: Pipe dimensions per BS 4825 part 3 or O.D.-Tube

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Upper body material / main body material: Stainless steel 1.4435 (316L); UNS S31603
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Clamp diameter: 64.0 mm
1. set point: 4.00 bar increasing,

Label: WIKA standard without / with Tag-number

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