PSD-4; -1...+24 bar gauge ; two switching outputs (PNP/NPN)

PSD-4; -1...+24 bar gauge ; two switching outputs (PNP/NPN)

Item number: 48726119

Quantity: 1 pcs.

Order code: DSS1-MS990.22-4PSD04-DZZZD-C7S65ZJ2-ZZAZZZZZ WAZ-Z LABEL-PG1DE-ZZZZZ- ZZZZZ
PSD-4-9Z-BV425-CAZZ-WW-ZZ W1011PS4Z-SZXX-O-GSFI
H990.22-TB115C2C2AZ505ZZZ Z

Overview: PSD-4; -1...+24 bar gauge ; two switching outputs (PNP/NPN)
Electronic pressure switch with display
Output signal: two switching outputs (PNP/NPN)
IO-Link: without
Power supply: 15...35 V DC
Measuring range: -1...+24 bar gauge
Process connection: Diaphragm Seal
Media temperature: changed because of diaphragm seal attachment
El. connection: Circular connector M12x1 (4-pin)
pin assignment el. connection: U+=1, U-=3, SP1=4, SP2=2
Accuracy: ± 0.5% of span
Approvals: cULus
Specifications according to data sheet: PE 81.86

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 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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Date: 24/04/2023

Label: WIKA standard without / with Tag-number

Details:

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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 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 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
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