PSD-4; -1...+15 bar gauge ; one switching output (PNP/NPN) + 4...20 mA

PSD-4; -1...+15 bar gauge ; one switching output (PNP/NPN) + 4...20 mA

Item number: 48791243

Quantity: 1 pcs.

Order code: DSS1-MS990.22-4PSD04-KZSZ1-C7465ZJ2-ZZAZZZZZ WAZ-Z LABEL-PG1DE-ZZZZZ- ZZZZZ
PSD-4-AZ-BV416-CAZZ-WW-ZZ W1011PS4Z-SZXX-O-GSFI
H990.22-TB115C2C2AZ505ZZZ Z

Overview:

PSD-4; -1...+15 bar gauge ; one switching output (PNP/NPN) + 4...20 mA
Electronic pressure switch with display
Output signal: one switching output (PNP/NPN) + 4...20 mA
IO-Link: without
Power supply: 15...35 V DC
Measuring range: -1...+15 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, S+=2, SP1=4
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: 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
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

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Clamp diameter: 50.5 mm

Label: WIKA standard without / with Tag-number

Details:

PSD-4; -1...+15 bar gauge ; one switching output (PNP/NPN) + 4...20 mA
Electronic pressure switch with display
Output signal: one switching output (PNP/NPN) + 4...20 mA
IO-Link: without
Power supply: 15...35 V DC
Measuring range: -1...+15 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, S+=2, SP1=4
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: 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
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
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

Label: WIKA standard without / with Tag-number

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