Date: 21/04/2023

PSD-4; 0...25 bar gauge ; two switching output (PNP/NPN) + 4...20 mA

PSD-4; 0...25 bar gauge ; two switching output (PNP/NPN) + 4...20 mA

Item number: 57413206

Quantity: 1 pcs.

Order code: DSS1-MS990.18-4PSD04-DZZZD-C7S65ZJ2-ZZAZZZZZ WAZ-Z LABEL-PG1DE-ZZZZZ- ZZZZZ
PSD-4-CZ-BG425-CAZZ-WW-ZZ W1011PS4Z-SZXX-O-GSFI H990.18-ANN2140C2C2AZZZZ Z

Overview: PSD-4; 0...25 bar gauge ; two switching output (PNP/NPN) + 4...20 mA
Electronic pressure switch with display
Output signal: two switching output (PNP/NPN) + 4...20 mA
IO-Link: without
Power supply: 15...35 V DC
Measuring range: 0...25 bar gauge
Process connection: Diaphragm Seal
Media temperature: changed because of diaphragm seal attachment
El. connection: Circular connector M12x1 (5-pin)
pin assignment el. connection: U+=1, U-=3, S+=5, 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 pharmaceutical, biochemical and
Screw connection following DIN 11851 - Grooved union nut
Model 990.18 DN 40 (pipe dimensions 41.0 x 1.5)
pipe standard: Pipe dimensions per DIN 11850 row 2
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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Label: WIKA standard without / with Tag-number

Details:

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Electronic pressure switch with display
Output signal: two switching output (PNP/NPN) + 4...20 mA
IO-Link: without
Power supply: 15...35 V DC
Measuring range: 0...25 bar gauge
Process connection: Diaphragm Seal
Media temperature: changed because of diaphragm seal attachment
El. connection: Circular connector M12x1 (5-pin)
pin assignment el. connection: U+=1, U-=3, S+=5, 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 pharmaceutical, biochemical and food industry
Specifications according to data sheet: DS 99.40
Diaphragm seal: Model 990.18
Process connection type: Screw connection following DIN 11851
Process connection specification: Grooved union nut
Process connection: DN 40 (pipe dimensions 41.0 x 1.5)
pipe standard: Pipe dimensions per DIN 11850 row 2
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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