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Date: 21/04/2023

S-20 ; 0...1 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V

S-20 ; 0...1 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V

Item number: 48761181

Quantity: 1 pcs.

Order code: DSS1-MS990.19-3S20ZZ-DZZZD-C7S65ZJ2-ZZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
S-20-3-BG310-CAZXX-A-AGGZZZ-ZWZ W1011S20Z-ZZZZ31Z-
SS18LZ2AOSZZZE-ZZGSFZSS1
H990.19-MNN2120C2C2AZZZZ Z

Overview: S-20 ; 0...1 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V
Pressure transmitter Model S-20
Non-linearity: 0.25% BFSL
Overpressure limit: 3 times
Process connection: Diaphragm Seal ; Sealing: without
Pressure port: D 2.5 mm
Electrical connection: angular connector DIN 175301-803 A mating connector included
pin assignment el. connection: U+=1, U-=2
Permissible medium temperature: changed because of diaphragm seal attachment
shock and vibration resistance: 100 g shock, 20 g vibration
;
Approvals: cULus
Performance Level: without
Specifications: according to WIKA data sheet PE 81.61

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 SS standard - Grooved union nut
Model 990.19 DN 51 (pipe dimensions 51.0 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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Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3

Label: WIKA standard without / with Tag-number

Details:

S-20 ; 0...1 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V
Pressure transmitter Model S-20
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Overpressure limit: 3 times
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Pressure port: D 2.5 mm
Electrical connection: angular connector DIN 175301-803 A mating connector included
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Permissible medium temperature: changed because of diaphragm seal attachment
shock and vibration resistance: 100 g shock, 20 g vibration
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Approvals: cULus
Performance Level: without
Specifications: according to WIKA data sheet PE 81.61

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 990.19
Process connection type: Screw connection following SS standard
Process connection specification: Grooved union nut
Process connection: DN 51 (pipe dimensions 51.0 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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Label: WIKA standard without / with Tag-number

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