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Date: 24/04/2023

S-20 ; -1...+9 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V

S-20 ; -1...+9 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V

Item number: 48695315

Quantity: 1 pcs.

Order code: DSS1-MS990.22-3S20ZZ-KZSZ1-C7S65ZJ2-ZZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
H990.22-TB115C2C2AZ505ZZZ Z
S-20-3-BV410-CAZXX-A-AGGZZZ-ZWZ W1011S20Z-ZZZZ21Z-
RS18LZ2AOSZZZE-ZZGSFZSS1

Overview:

S-20 ; -1...+9 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V
Pressure transmitter Model S-20
Non-linearity: 0.25% BFSL
Zero point adjustment: with integrated adjustment ring for zero point
Overpressure limit: 2 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: 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.: + 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

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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

Details:

S-20 ; -1...+9 bar gauge; 4...20 mA, 2-wire @ DC 8...35 V
Pressure transmitter Model S-20
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Permissible medium temperature: changed because of diaphragm seal attachment
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Approvals: cULus
Performance Level: without
Specifications: according to WIKA data sheet PE 81.61

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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
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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