Order code : 48799896

Type code : DSS1-MS990.22-3S20ZZ-DZZZD-C7S65ZJ2-2ZAZZZZZ WAZ-Z

S-20 ; -1...+5 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 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

Test certificate acc. to EN 10204 2.2

Certificate Language: English and French

Certificate for: Diaphragm seal system with pressure transmitter

Material certificate: Wetted metallic components

Label: WIKA standard without / with Tag-number

language of the label: English