Date: 01/08/2025

pressure gauge with mounted diaphragm seals, with milk tube screw connection

pressure gauge with mounted diaphragm seals, with milk tube screw connection

Item number:	83199454
Quantity:	1 pcs.
Order code:	DSS18F-B2BG360-DJ2C7S65-NNA2125C2A-F EM 2H1Z012048E CERT22-EG41-HU- - - - - - - CERT31-EG41-AB-BB- - - - - - - - - -
Overview:	pressure gauge with mounted diaphragm seals, with milk tube screw connection Typ: DSS18F Manometer according to EN 837-1 nominal size 100 mm 0...6 bar lower mount Measuring system class 1.0 laminated safety glass Pressure Gauge Standard 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 milk tube screw connection Grooved union nut Pipe dimensions per DIN 11850 row 2 Process connection: DN 25 (pipe dimensions 29.0 x 1.5) Wetted parts: 316L Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3 Certificates Temperature error prozess in mbar/10°K: 12 mbar Temperature error ambient in mbar/10°K: 48 mbar Test certificate acc. to EN 10204 2.2 Certificate Language: English and German Certificate for: Diaphragm seal system with pressure measuring instrument Sanitary applications: FDA conformity of transmitting fluid (diaphragm seal)

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Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Accuracy: Calibration values listed
Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis

Details:

pressure gauge with mounted diaphragm seals, with milk tube screw connection
Model: DSS18F
Specifications according to data sheet: DS 95.04
Pressure measuring instrument: Manometer according to EN 837-1 nominal size 100 mm
Case filling: without
Unit of outer Scale: bar
Scale range: 0...6 bar
Assembly: direct assembly
System fill fluid: KN 92 Medicinal white mineral oil; for pharmaceutical and food applications; FDA, USP, EP
Unit of temperature: Celsius
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
Process connection specification: Grooved union nut
pipe standard: Pipe dimensions per DIN 11850 row 2
Process connection: DN 25 (pipe dimensions 29.0 x 1.5)
Wetted parts: 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
Certificates
Accuracy: Calibration values listed
Material certificate: Wetted metal parts material with mill certificate incl. chemical analysis
Test certificate acc. to EN 10204 2.2
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Sanitary applications: FDA conformity of transmitting fluid (diaphragm seal)
Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Accuracy: Calibration values listed
Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis

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