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Part Number 25-200-10-psi-SP, 2-1/2" Black Steel Case, Copper Alloy Internals, 10 psi, 1/4" National Pipe Thread (NPT) Male Bottom Connection Pressure Gauge with Set Pointer

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- Sensitive capsule-type non-fillable dry gauge
- Black painted Steel, Stainless Steel and impact-resistant ABS case
- Copper alloy and Brass wetted parts

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Specifications	
Type	Low Pressure Gauge
Series	200
Connection Type	National Pipe Thread (NPT)
Full Scale Accuracy (±)	1.6 %
Connection Size	1/4 in
Lens/Display Material	Acrylic
Gauge Size	2-1/2 in
Connection Location	Bottom
Display	Aluminum, White Background with Black Scale. UV Resistant.
Case Type	Steel, Bottom Connection
Pressure Range	0 to 10 psi
Case Material	Black Painted Steel
Socket Material	Brass
Pointer	Black Finished Aluminum
Movement	Brass and Nickel-Silver with Highly Polished Bearing Surfaces
Warranty	1 yr
Options	Red Set Pointer
Related Items	102-MFB , 1/4" National Pipe Thread (NPT), Male x Female, Brass, 0.172" Orifice Hard Seat Mini Valve
	102-MFC , 1/4" National Pipe Thread (NPT), Male x Female, Steel, 0.172" Orifice Hard Seat Mini Valve
	102-MFS , 1/4" National Pipe Thread (NPT), Male x Female, 316 Stainless Steel, 0.172" Orifice Hard Seat Mini Valve
	602-MFC , 1/4" National Pipe Thread (NPT), Male x Female, Steel, Hard Seat, 0.187" Orifice Block and Bleed Valve

Temperature Ranges	
Media Temperature Range	-4 to 176 °F -20 to 80 °C
Ambient Temperature Range	-4 to 140 °F -20 to 60 °C
Prop 65 Warnings	
Prop 65 Warnings	 WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Application	
Application	• Filter monitoring • Gas distribution • HVAC • Leak detection • Level indication • Medical
Working Pressure Limitations	
Working Pressure Limitations	Dynamic Pressure The working pressure should be limited to 60% of the dial range Static Pressure The working pressure, where no sharp fluctuations occur, should be limited to 90% of the dial range
Limitations Which Apply Are	
Limitations Which Apply Are	• Bourdon tube pressure gauges must be used within their calibrated maximum range to prevent damage • The pressure gauges must be operated within the following working pressure limits: ◦ Dynamic Pressure application, 60% of the dial range ◦ Static Pressure applications, where no sharp fluctuations occur, 90% of the dial range • The gauges must be operated within specified ambient temperature ranges • Determination of gauge failures will be made by NOSHOK, Inc., which will use its equipment and personnel or a certified test facility specializing in this type of evaluation and determination. Gauge failures determined to be caused by over-range, incompatibility with environment or product media and abuse will not be considered under this warranty. NOSHOK, Inc. will, at its discretion, repair or replace the working parts of the damaged gauge without cost to the customer. This written warranty applies only to the NOSHOK gauges referenced in the first paragraph of this warranty, sold by NOSHOK, Inc. and its authorized distributors.
Caution	
Caution	Operating conditions including, but not limited to, system pressure, media compatibility and ambient conditions must be considered when selecting gauges and accessories. Improper selections and use of gauges could possibly cause gauge failure and lead to possible property damage or personal injury. Refer to the American National Standard ANSI B40.1 for the correct selection and use of gauges. A copy of this standard may be obtained from the American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, NY 10017. In keeping with and for purposes of product and/or manufacturing process improvements, NOSHOK, Inc. reserves the right to make design changes without prior notice.
Options and Accessories	
Installed Options and Accessories	Available • Stainless Steel Case (SSC) • Glass Lens (GL) (A steel or stainless cover ring must be additionally ordered when lenses other than plexiglass are utilized on all 200 Series models) • Safety Glass Lens (SG) (A steel or stainless cover ring must be additionally ordered when lenses other than plexiglass are utilized on all 200 Series models) • Plexiglass Lens (PL) • Recalibrator Lens (RL) • Red Set Pointer (SP) • Maximum Indicating Pointer (MIP) • Black Rear Flange (BLRF) • Black Cover Ring (BCR) • Stainless Steel Cover Ring (SSCR) • Rubber Case Protectors (RCP) • 10-32-UNF-2B (10-32)

	- Orifice - Brass Threaded 0.3mm (BT3) - Standard - Laser Marking (LM) - Stainless Steel Tagging (ST) Certificates - Certified Calibration (CC)
Uninstalled Options and Accessories	- Certificate of Cleaning (COCL) - Certificate of Conformance (COC)
Assembly Options	NOSHOK offers multiple assembly options to meet your specific system requirements. Consult factory to discuss your customized solution.
Diaphragm Seals	NOSHOK offers a wide variety of standard & elevated pressure, and reduced pressure replaceable and non-replaceable diaphragm seals, designed to isolate and/or protect the pressure measuring instrument from corrosive, viscous, contaminated or very high temperature process media.
Distribution Manifolds	NOSHOK's Distribution Manifolds connect multiple instruments to one diaphragm seal, eliminating multiple connections that lead to possible leak paths.
Metric Dials and Customized Special Dials	- Dual scale metric dials in psi/bar, psi/kPa and psi/kg/cm² - Other scales are available for specific sizes and ranges, such as single scale bar and kPa, refrigerant scales and altitude scales - Customized special dials such as non-standard metric scale, tons of ram, lbs. of force, etc. are available in small quantities (as few as one piece) on some NOSHOK gauges Please consult the factory for availability.
Pressure Snubbers - Piston Type	- Protect the instrument from the damaging effects of high temperature steam - Recommended for use in all steam applications - Available in 1/4" and 1/2" NPT sizes in welded steel, welded 316 Stainless Steel or seamless 316 Stainless Steel with ratings to 3800 psi at 850 °F
Pressure Snubbers - Sintered Type	- Temperature ratings: 15,000 psi at 200 °F and 3,000 psi at 1,000 °F - Used with gauges and gauge valves to adjust the line of sight - Rotates 360° to allow the connected instrument to be positioned in the desired direction - The pressure connection is achieved with a tapered cone style compression fitting simply by tightening the swivel hex nut - All 316 Stainless Steel construction - Standard with 1/2" NPT male process - 1/2" NPT female instrument connections - Also available with 1/4" NPT connections, same specifications apply - Weight approximately 0.8 lb.
Steam Syphons	- Protect the instrument from the damaging effects of high temperature steam - Recommended for use in all steam applications - Available in 1/4" and 1/2" NPT sizes in welded steel, welded 316 Stainless Steel or seamless 316 Stainless Steel with ratings to 3800 psi at 850 °F
Swivel Adapters	- Temperature ratings: 15,000 psi at 200 °F and 3,000 psi at 1,000 °F - Used with gauges and gauge valves to adjust the line of sight - Rotates 360° to allow the connected instrument to be positioned in the desired direction - The pressure connection is achieved with a tapered cone style compression fitting simply by tightening the swivel hex nut - All 316 Stainless Steel construction - Standard with 1/2" NPT male process - 1/2" NPT female instrument connections - Also available with 1/4" NPT connections, same specifications apply - Weight approximately 0.8 lb.



