NOSHOK 900 Series

Liquid Filled Dial Indicating Pressure Gauges

In stock at Triad Technologies
In stock at NOSHOK, Inc. (Berea, OH)

SPECIFICATIONS — 25-901 (2-1/2" SS Case, Bottom Connection)

PERFORMANCE

RANGES	Vacuum & compound through 0 psi to 10,000 psi
ACCURACY	±1.6% full scale
WORKING PRESSURE	Dynamic: 60% of dial range max | Static: 90% of dial range max

TEMPERATURE

MEDIA	-4 °F to 140 °F (-20 °C to 60 °C) Glycerin fill
AMBIENT	-4 °F to 140 °F (-20 °C to 60 °C) Glycerin fill

MECHANICAL & MATERIALS

MEASURING ELEMENT	≤600 psi: Copper alloy Bourdon tube / >600 psi: Coiled safety tube
CASE / BEZEL	304 Stainless Steel
LENS	Polycarbonate
POINTER	Molded plastic
DIAL	Molded plastic, white bg, black primary / red secondary scale, UV resistant
MOVEMENT	Brass and nylon, highly polished bearing surfaces
FILL LIQUID	Glycerin (GY40 standard)

25-901 SAE BOTTOM CONNECTION — 2-1/2" PRESSURE GAUGES

CONFIGURATION

25 – 901 – XXXX – XX – SST – XXX

25	901	XXXX	XX	SST	XXX
GAUGE TYPE	**CASE TYPE**	**PRESSURE**	**SCALE**	**CONNECTION**	**OPTIONS**
2-1/2"	SS Case, bottom connection	0–6,000 psi	psi/bar, psi/kpa, other options available	SAE J1926-3: 7/16"-20 Adjustable (incl. FKM o-ring)	See options list below (optional)

Ex: 25–901–1500–psi–SST–SG =
0–1,500 psi single scale, SAE Adjustable, Safety Glass Lens



IN-STOCK PART NUMBERS

Part Number	Pressure	Scale
25-901-160-PSI/BAR-SST	0–160 psi	psi/bar dual
25-901-300-PSI/BAR-SST	0–300 psi	psi/bar dual
25-901-1000-PSI/BAR-SST	0–1000 psi	psi/bar dual
25-901-1500-PSI/BAR-SST	0–1500 psi	psi/bar dual
25-901-2000-PSI/BAR-SST	0–2000 psi	psi/bar dual
25-901-3000-PSI/BAR-SST	0–3000 psi	psi/bar dual
25-901-5000-PSI/BAR-SST	0–5000 psi	psi/bar dual
25-901-6000-PSI/BAR-SST	0–6000 psi	psi/bar dual
25-901-100-PSI/KPA-SST	0–100 psi	psi/kPa dual
25-901-400-PSI/KPA-SST	0–400 psi	psi/kPa dual
25-901-600-PSI/KPA-SST	0–600 psi	psi/kPa dual
25-901-1000-PSI/KPA-SST	0–1000 psi	psi/kPa dual
25-901-1500-PSI/KPA-SST	0–1500 psi	psi/kPa dual
25-901-2000-PSI/KPA-SST	0–2000 psi	psi/kPa dual
25-901-3000-PSI/KPA-SST	0–3000 psi	psi/kPa dual
25-901-5000-PSI/KPA-SST	0–5000 psi	psi/kPa dual
25-901-6000-PSI/KPA-SST	0–6000 psi	psi/kPa dual

25-901 NPT BOTTOM CONNECTION — 2-1/2" PRESSURE GAUGES

CONFIGURATION

25 – 901 – XXXX – XX – 1/4 or 1/8 – XXX

25	901	XXXX	XX	1/4 or 1/8	XXX
GAUGE TYPE	**CASE TYPE**	**PRESSURE**	**SCALE**	**CONNECTION**	**OPTIONS**
2-1/2"	SS Case, bottom connection	Vacuum, compound, or 0–10,000 psi/bar	psi/kpa, other options available	1/4 NPT — standard, omit | 1/8 NPT	See options list below (optional)

Ex: 25–901–1000–psi/kPa–1/8–PMC =
0–1,000 psi/kPa dual, 1/8" NPT, Panel Mount Clamp



IN-STOCK PART NUMBERS

Part Number	Pressure	Scale
25-901-30-VAC/KPA	-30 inHg–0 psi	psi/kPa dual
25-901-30/30-PSI/KPA	-30 inHg–0–30 psi	psi/kPa dual
25-901-30-PSI/KPA	0–30 psi	psi/kPa dual
25-901-60-PSI/KPA	0–60 psi	psi/kPa dual
25-901-100-PSI/KPA	0–100 psi	psi/kPa dual
25-901-160-PSI/KPA	0–160 psi	psi/kPa dual
25-901-200-PSI/KPA	0–200 psi	psi/kPa dual
25-901-300-PSI/KPA	0–300 psi	psi/kPa dual
25-901-600-PSI/KPA	0–600 psi	psi/kPa dual
25-901-1000-PSI/KPA	0–1000 psi	psi/kPa dual
25-901-1500-PSI/KPA	0–1500 psi	psi/kPa dual
25-901-2000-PSI/KPA	0–2000 psi	psi/kPa dual
25-901-3000-PSI/KPA	0–3000 psi	psi/kPa dual
25-901-5000-PSI/KPA	0–5000 psi	psi/kPa dual
25-901-6000-PSI/KPA	0–6000 psi	psi/kPa dual
25-901-10000-PSI/KPA	0–10000 psi	psi/kPa dual

OPTIONS — Apply to Both SAE & NPT Configurations

PMC	Steel Panel Mount Clamp	**SPMC**	304SS Panel Mount Clamp	**SSCR**	304SS Cover Ring
SSBU	Integral SS Bezel & U-clamp	**SSB**	Stainless Steel Bezel	**MIP**	Maximum Indicating Pointer
SP	Red Set Pointer	**SG**	Safety Glass Lens	**SSRF**	304SS Rear Flange
LM	Laser Marking	**ST**	Stainless Steel Tagging	**BP3**	Brass Press Fit Orifice 0.3mm
BT5	Brass Threaded Orifice 0.5mm	**BT8**	Brass Threaded Orifice 0.8mm		

Available in other gauge sizes, case types and connection sizes, scales and pressure ranges.

PT Series - Fixed Range General Purpose OEM & Industrial Pressure Transmitters

PT10 Series OEM

OEM Fixed Range Pressure Transmitter

- Ideal for applications requiring a high quantity of transmitters

PT20 Series General Purpose

General Purpose Fixed Range Pressure Transmitter

- Provides reliable performance in general industrial applications

PT30 Series High Performance

High Performance Fixed Range Pressure Transmitter

- Delivers improved performance specifications and expanded options

PT40 Series High Accuracy

High Accuracy Fixed Range Pressure Transmitter

- Designed for applications where high accuracy is critical

PT41 Series High Pressure

High Pressure Fixed Range Pressure Transmitter

- Engineered for robust performance in high pressure applications

Features

- Enhanced and expanded portfolio of fixed range general purpose pressure transmitters
- Provides significant performance improvements and options to meet current customer and market demands
- Presents a comprehensive range of price and performance options
- Replaces the NOSHOK 100, 200, 300 and 615 Series transmitters

Applications

- Fluid power & mobile hydraulics
- Automation
- Pumps and compressors
- Power generation
- General industrial
- Marine



PTI10 & PTI15 Series - Intelligent Pressure Transmitters with IO-Link

Featuring IO-Link technology, NOSHOK PTI transmitters enable smarter integration across automation and process networks. Bidirectional digital communication allows for simplified installation, remote configuration, continuous diagnostics, and enhanced data transparency, maximizing uptime and streamlining system efficiency.

Built on a trusted foundation of proven performance, NOSHOK PTI transmitters offer:

- Highly accurate and repeatable pressure measurement across diverse applications
- Rugged Stainless Steel construction for long-term stability in demanding environments
- Compact, robust design allowing flexible installation, even in limited spaces

PTI10 Series

Intelligent Pressure Transmitter - IO Link

Features

- Digital IO-Link can be used for pressure monitoring or as an electronic PNP switch for process control
- Integrated diagnostic functions with multicolor LED status display for easy maintenance
- Simplified machine integration with product specific drivers
- Fully welded electrical connection available for harsh and high vibration environments

Applications

- Hydraulics & pneumatics
- Automation engineering
- Pumps & compressors
- Water & wastewater

IO-Link



PTI15 Series

Intelligent Indicating Transmitter/Switch

Features

- Compound and standard ranges from 0 psig to 10 psig through 0 psig to 7,500 psig
- 316L Stainless Steel wetted parts
- Current and voltage outputs available
- 7 different output configurations available
- Advanced functionality with optional IO-Link
- Display and electrical connection can be rotated independently
- RoHS compliant

Applications

- Hydraulics & pneumatics
- Power generation
- Pumps & compressors
- Stamping & forming presses
- Water & wastewater

IO-Link



PTI20, PTI30, PTI40 - Premier Intelligent Industrial Transmitters

PTI20 Series OEM

OEM Fixed Range Pressure Transmitter

- For applications where temperature compensated accuracy is important

PTI30 Series General Purpose

General Purpose Fixed Range Pressure Transmitter

- For applications where improved accuracy and temperature compensation are required

PTI40 Series High Performance

High Performance Fixed Range Pressure Transmitter

- Designed for applications where accuracy and temperature compensation are critical

Features

- Built with the same advanced technology as our existing line of intelligent transmitters that address the sanitary market
- 4 mA to 20 mA HART® protocol available on all models
- All Stainless Steel construction
- Easy programming via onboard display
- Multiple electrical & process connection options
- Active temperature compensation
- 360° rotatable display
- High turndown ratios allow more flexibility in ranges

Applications

- General Industrial
- Pulp & Paper
- Power generation
- Food & beverage



300 Series Switches - Mechanical Compact SPDT with Adjustable Hysteresis Pressure Switch

300 Series

Mechanical Compact SPDT with Adjustable Hysteresis Pressure Switch

- Switch adjustment ranges from vacuum through 4,600 psig (model dependent)
- Standard Zinc-Nickel housing with NBR diaphragm wetted parts
- Improved contact rating of 6A 125V/250VAC and 6A 12/24VDC



Features

- Engineered to address a wide range of applications
- Provides a broad selection of process connection and electrical connection options
- Maximized production efficiency and expanded our inventory to provide faster delivery

Applications

- Hydraulics & Pneumatics
- Pumps & Compressors
- Tank Monitoring
- Leak Detection
- Water Management

NOSHOK

TRIAD TECHNOLOGIES

www.triadtechnologies.com