



PTI40 SERIES

- Adjustable pressure ranges 1 psid to 300 psid
- All ranges are user adjustable from vacuum to full scale with standard on board display
- 4 mA to 20 mA HART® pressure transmitter
- Accuracy ±0.075% of adjusted span
- 100:1 turn down
- All Stainless Steel construction with 316 Stainless Steel wetted parts
- CE compliant to suppress RFI, EMI and ESD

APPLICATIONS

- General industrial
- Pulp & paper
- Water & wastewater
- Power generation
- Food & beverage

SPECIFICATIONS

Output signals	4 mA to 20 mA 2-wire with HART®
Pressure ranges	0.15 psid to 300 psid
Accuracy	0.075% of adjusted span (Turn down up to 100:1)
Stability	<0.1%/year
Adjustment	By 1 push button joystick on display or HART® protocol
Static pressure	Max 2320 psi (160 bar) Optional 3625 psi (250 bar)
Response time	<200 ms
Service life	>10 years
Temperature ranges	Media -4 °F to 176 °F (-20 °C to 80 °C) Ambient -4 °F to 158 °F (-20 °C to 70 °C)
Power requirement*	12 Vdc to 36 Vdc
Measuring element	316 Stainless Steel (Hastelloy C or Gold plated optional)
Connection	316 Stainless Steel
Housing material	304 Stainless Steel (316 Stainless Steel optional)
Environmental rating	IP66 (IP68 optional)
Electromagnetic rating	CE compliant to EMC-Directive 2014/30/EU RFI, EMI and ESD protection
Weight	Approximately 6.9 lb.

* Unregulated

ORDERING INFORMATION	
SERIES	PTI40
ADJUSTABLE PRESSURE RANGES	1psid Min span 0.15 psi, max span 1 psi 6psid Min span 0.15 psi, max span 6 psi <small>psid = differential gauge pressure All ranges can be user scaled in vacuum or compound.</small>
ACCURACY	1 ±0.075% of adjusted span (100:1 turndown)
OUTPUT SIGNALS	43 4 mA to 20 mA, 2-wire with HART®
PROCESS CONNECTIONS	81 1/4" NPT Female, IEC 61518 flange with bleed valves
ELECTRICAL CONNECTION	28 1/2" NPT Female
OPTIONS	TC Transparent Cover (for display)

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

NOTE: Manifold and mounting options available, see NOSHOK Valve Product Solutions catalog

EXAMPLE

PTI40 - 6psid - 1 - 43 - 81 - 28 - TC

Series PTI40 Series

Adjustable pressure range Min span 0.15 psi, max span 6 psi

Accuracy ±0.075% of adjusted span

Output signal 4 mA to 20 mA, 2-wire with HART®

Process connection 1/4" NPT female, IEC 61518 flange with bleed valves

Electrical connection 1/2" NPT Female

Option Transparent Cover

PTI40

TERMINAL CONNECTION	
1	Voltage supply/Output signal (4 mA to 20 mA)
2	Internal Ground