



# PT40 SERIES

- Gauge, compound, absolute and vacuum ranges from 2 psig to 15,000 psig
- Premium accuracy
- Current and voltage outputs available
- 316 and 13-8PH Stainless Steel wetted parts
- Field adjustable offset and span
- CE compliant to suppress RFI, EMI and ESD
- RoHS compliant

## APPLICATIONS

- Hydraulics & pneumatics
- Laboratory & test equipment
- Power generation
- Automation
- Mobile equipment
- General industrial

## SPECIFICATIONS

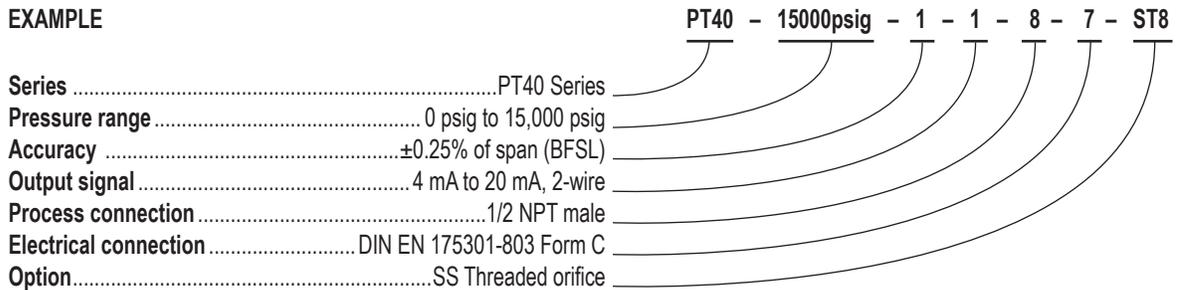
<b>Output signals</b>	4 mA to 20 mA, 2-wire; 0 Vdc to 5 Vdc, 0 Vdc to 10 Vdc, 1 Vdc to 5 Vdc, 3-wire	
<b>Pressure ranges</b>	Gauge, compound, absolute and vacuum ranges from 2 psi to 15,000 psi	
<b>Accuracy*</b>	±0.25% of span, optional ±0.125% of span, non-linearity best fit straight line per IEC 61298-2 at reference conditions	
<b>Adjustment</b>	± 10% full scale for zero and span	
<b>Response time</b>	Less than 1 ms (between 10% and 90% full scale)	
<b>Service life</b>	> 100 million load cycles	
<b>Temperature ranges*</b>	Compensated:	32 °F to 176 °F (0 °C to 80 °C)
	Media:	-22 °F to 212 °F (-30 °C to 100 °C)
	Ambient:	-22 °F to 185 °F (-30 °C to 85 °C)
	Storage:	-40 °F to 212 °F (-40 °C to 100 °C)
<b>Power requirement*</b>	10 Vdc to 30 Vdc:	4 mA to 20 mA, 2-wire 1 Vdc to 5 Vdc, 3-wire, 0 Vdc to 5 Vdc, 3-wire
	14 Vdc to 30 Vdc:	0 Vdc to 10 Vdc, 3-wire
<b>Proof pressure</b>	< 300 psi:	3 times full scale
	300 – 10,000 psi:	2 times full scale
	> 10,000 psi:	1.5 times full scale
<b>Burst pressure</b>	< 300 psi:	5 times full scale
	300 – 10,000 psi:	4 times full scale
	> 10,000 psi:	3 times full scale
<b>Measuring element</b>	316 Stainless Steel:	Vacuum through 300 psi
	13-8PH Stainless Steel:	≥ 500 psi
<b>Process connection</b>	316 Stainless Steel	
<b>Housing material</b>	316 Stainless Steel	
<b>Environmental rating</b>	IP65: DIN EN 175301-803 Form C, DIN EN 175301-803 Form A IP67: 4-pin Bayonet, 6-pin Bayonet, 1/2" NPT conduit, M12 x 1 (4-pin), Integral cable	
<b>Electromagnetic rating</b>	CE compliant to EMC norm EN 61326:2014/A1:1998 RFI, EMI and ESD protection	
<b>Electrical protection</b>	Reverse polarity, overvoltage and short circuit protection	
<b>Shock</b>	1,000 g's according to IEC 60068-2-27	
<b>Vibration</b>	20 g's according to IEC 60068-2-6	
<b>Weight</b>	Approximately 7.5 oz.	

\* See user manual for detailed specifications

ORDERING INFORMATION																																									
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<b>OPTION</b>	<b>ST8</b> SS Threaded Orifice (0.8 mm)																																								

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

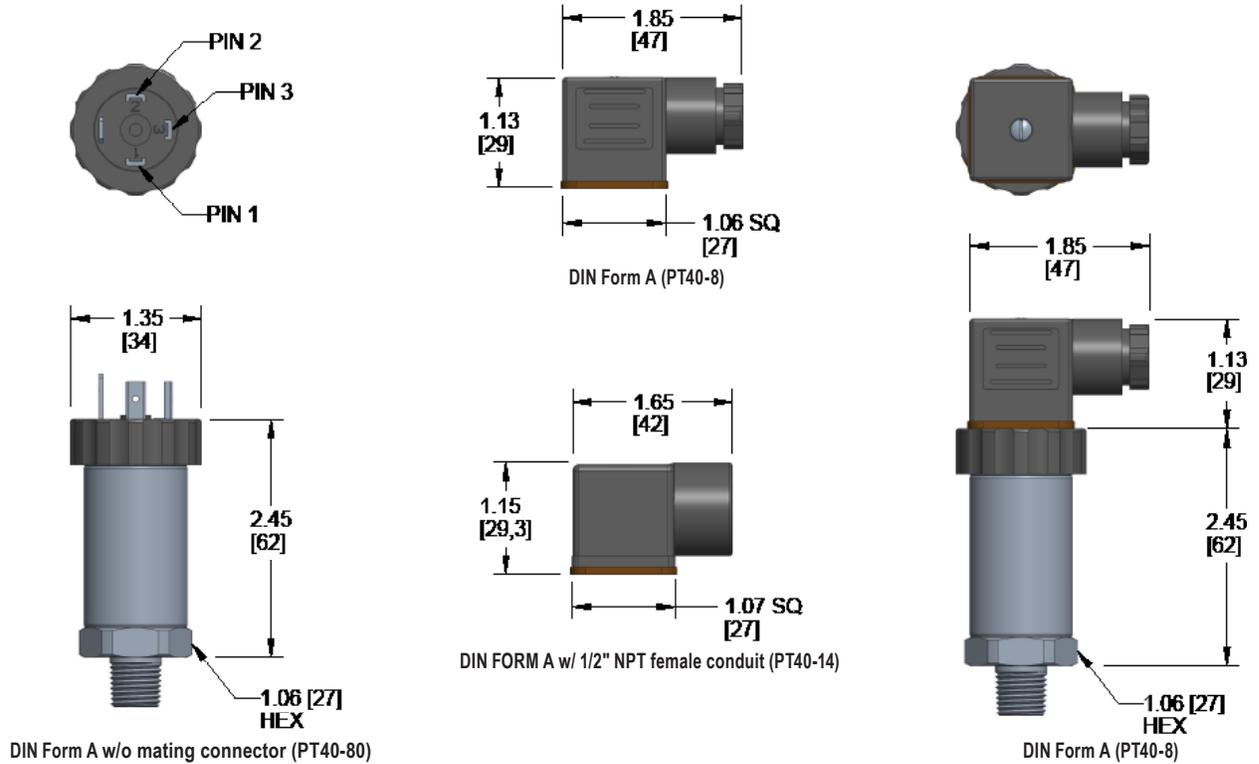
**EXAMPLE**



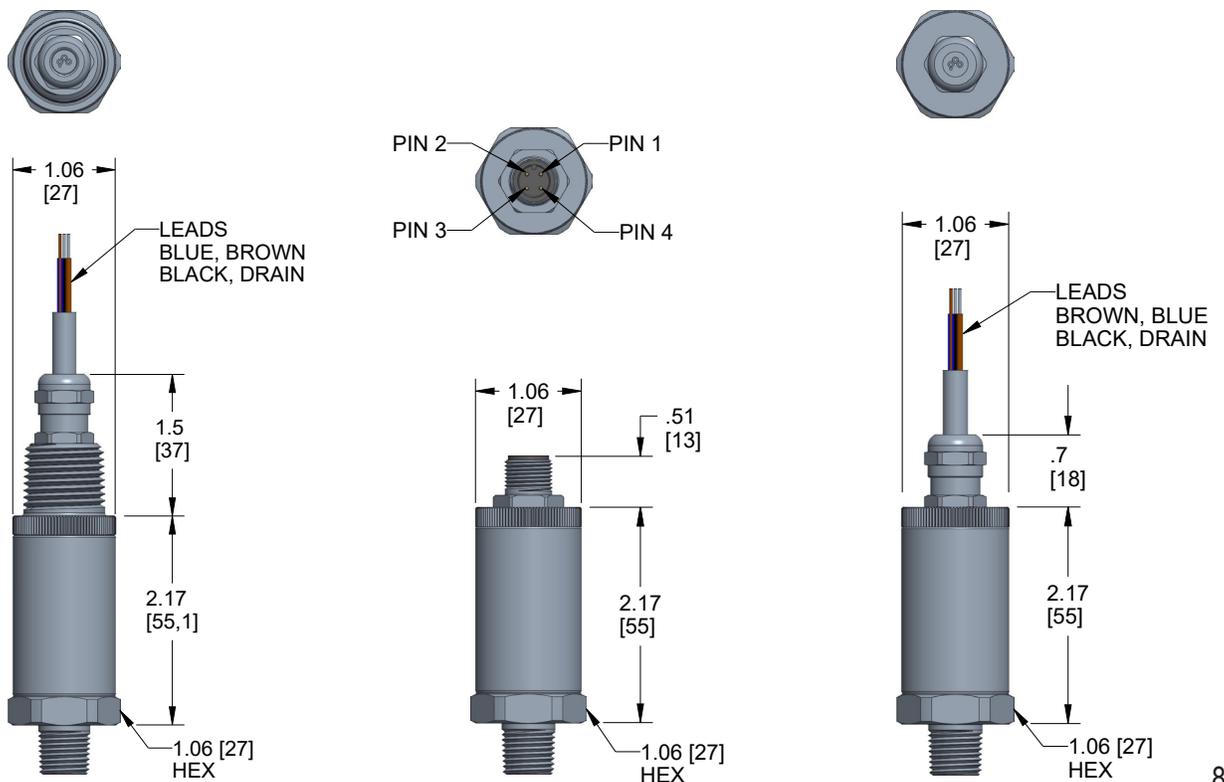
UNINSTALLED OPTIONS	
<b>G1A-WELD-ON-ADAPTER</b> Weld on adapter for front flush only	<b>G1/2A-WELD-ON-ADAPTER</b> Weld on adapter for front flush only



## PT40 (DIN EN 175301-803 Form A)



PT40-16 (1/2" NPT conduit w/ 3 ft. cable)	PT40-25 (M12 x 1 4-pin)	PT40-36 (3 ft. Integral Cable)
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# Dimensions



## PT40 Process Connections

