

## OEM Pressure Transducer

**UPA 21 Series**

### Features

- ▶ Ideal for OEM applications
- ▶ Ultra-compact size
- ▶ 0.5% accuracy
- ▶ High resistance to shock and vibration

### Applications

- ▶ Hydraulic control systems
- ▶ Automated machinery
- ▶ Construction equipment
- ▶ Pumps and compressors
- ▶ Machine tools
- ▶ Mobile hydraulics



### General Specifications\*

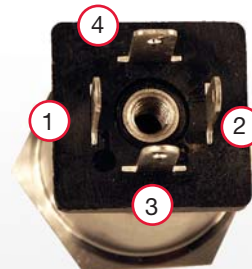
<b>Accuracy (LH &amp; R):</b>	±0.5% FSO
<b>Long-term Stability:</b>	< 0.2% FSO
<b>Typical Life Cycle:</b>	10 million cycles @ 100% full scale
<b>Proof Pressure:</b>	1.5 times
<b>Input:</b>	8 - 28 volts DC
<b>Output:</b>	4 - 20 mA
<b>Linearity (BSFL):</b>	0.25% FS
<b>Wetted Parts:</b>	316 stainless steel
<b>Enclosure:</b>	316 stainless steel
<b>Pressure Connection:</b>	1/4"-18 NPT male
<b>Electrical Connection:</b>	Mini-Din connector Series 43650 standard (included)
<b>Temperature Ranges:</b>	
Operating:	-13° to +176°F (-25° to +80°C)
Compensated:	+32° to +122°F (0° to +50°C)

<b>Temperature Shift:</b>	
Zero:	±0.03% FSO/°C
Span:	±0.03%/°C
<b>Vibration:</b>	20 g's, 5-2000 Hz per IEC 68-2-6
<b>Shock:</b>	20 g's, 11 ms
<b>Protection Class:</b>	IP65
<b>Insulation Resistance:</b>	> 10 M/50 V
<b>Weight:</b>	1.06 oz. (30 grams) approx.
<b>Warranty:</b>	1 Year

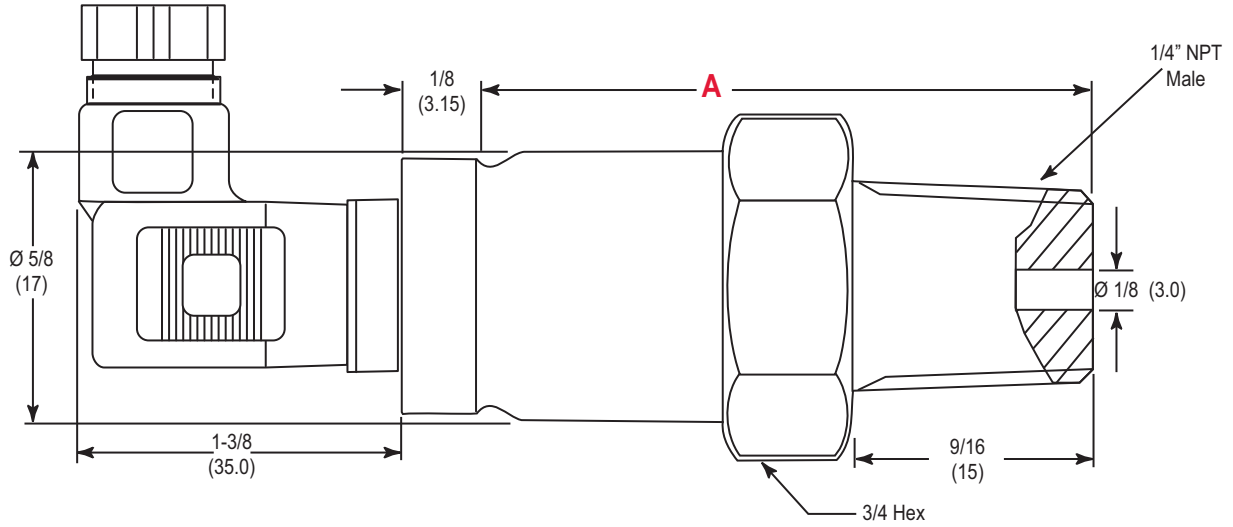
\* See product configurator for additional options.

### Wiring Code

Pin	Connection
1	- Excitation/Output
3	+ Excitation (VDC)
4	Case Ground



## Technical Drawings



"A" DIMENSION	
Pressure Range	Dimension
-04 thru -08	1-3/8 (35)
-10 thru -13	1-1/2 (38)
-14 thru -16	2-3/64 (52)



## Product Configurator

Example: **UPA21 H4 -04**

### Base Model

UPA21 4 - 20 mA analog output

### Electric Connection

H4 Mini-Din connector, (electrical mating connector included)

### Pressure Range

-04	0 - 100 psi
-26	0 - 250 psi
-08	0 - 500 psi
-10	0 - 1000 psi
-11	0 - 1500 psi
-12	0 - 2000 psi
-13	0 - 3000 psi
-14	0 - 4000 psi
-15	0 - 5000 psi
-16	0 - 6000 psi

## Accessories

Order #	Description
239134	Mating electrical connector kit 4-Pin Din, series 43650