

# 360 Series

## Adjustable Pressure Switch • 316 Stainless Steel

### Explosion Proof • Hermetically Sealed • NEMA 7 and 9

New!

## General Description

United Electric's 360 Series adjustable pressure switch is a compact design for low, mid and high-pressure applications. The housing and pressure port are made of 316 Stainless Steel. The electrical enclosure is a welded, hermetically sealed, explosion proof assembly available as a single pole double throw (SPDT) or double pole double throw (DPDT) configuration. An internal, slotted pressure adjustment wheel is accessible through a tethered cover plate. The combination of 316 Stainless Steel construction and hermetically sealed switching make the 360 Series particularly well suited for oil & gas, offshore platforms and safety panels as well as hazardous environments for pipeline and process applications.



## Agency Approvals:



CSA and NRTL/C certified for use in Class I, Div. 1, Groups A, B, C, & D, and Class II, Div. 1, Groups E, F, & G, for hazardous locations

CENELEC Rating EEx d IIC T6 – Flameproof  
CE compliance to low voltage directive (LVD)  
Compliance to NACE

## Ranges:

Range Code	Adjustable Range Lower end of range on fall High end of range on rise		Deadband (typical)		Max. System Pressure		Proof Pressure	
<b>Model 360</b> , 316 stainless steel 1/4" NPT female pressure connection and welded Inconel® diaphragm.								
	psig	bar	psig	bar	psig	bar	psig	bar
A	2 to 22	0,1 to 1,5	0.4 to 3.5	0,03 to 0,2	600	41	1200	82
B	12 to 90	0,8 to 6	1 to 12	0,07 to 0,8	600	41	1200	82
<b>Model 362</b> , 316 stainless steel 1/4" NPT female pressure connection and Teflon®, ArtCup™, stainless steel piston and Buna-N O-ring								
A	55 to 300	3 to 20	10 to 35	0,7 to 2	3000	206	4500	310
B	150 to 650	10 to 44	15 to 75	1 to 5	3000	206	4500	310
<b>Model 361</b> , 316 stainless steel 1/4" NPT female pressure connection and filled Teflon®, ArtSeal™, stainless steel piston and Buna-N O-ring.								
A	475 to 1500	32 to 103	50 to 325	3 to 22	6500	448	18500	1275
B	900 to 3000	62 to 206	80 to 600	5,5 to 41	9000	620	18500	1275
C	1800 to 9000	124 to 620	150 to 2000	10 to 137	10000	689	18500	1275

Burst Pressure tested at 2.5 times maximum system pressure. Specifications subject to change.

## Specifications

### Operating Ambient

**Temperature:** -65° to 185°F (-54° to 85°C)

**Enclosure:** 316 stainless steel

**Electrical Ratings:** 5 A @ 125/250 VAC, 5 A resistive and 3 A inductive @ 28 VDC.

**Media Temperature:** -65° to 250°F (-54° to 121°C)

**Enclosure Classification:** Division 1 products meet enclosure type 7 & 9 classifications

**Electrical Connection:** ½" NPT (male) with 72" leadwires

**Weight:** Approximately 29 ounces (0,82 kg)

**Switch Output:** Code S: One SPDT, hermetic seal  
Code D: Two SPDT for DPDT action.

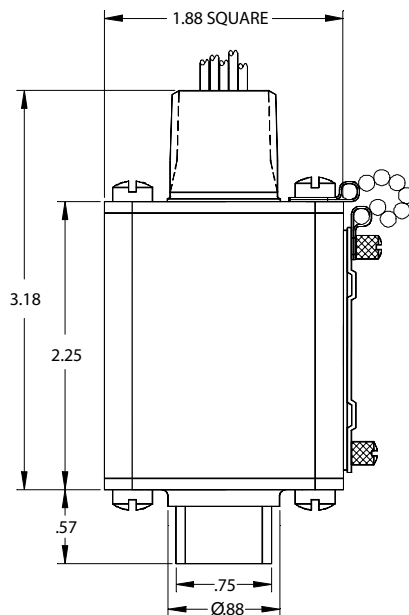
Inconel® is a registered trademark of the INCO family of companies

ArtSeal™ and ArtCup™ are trademarks of United Electric Controls

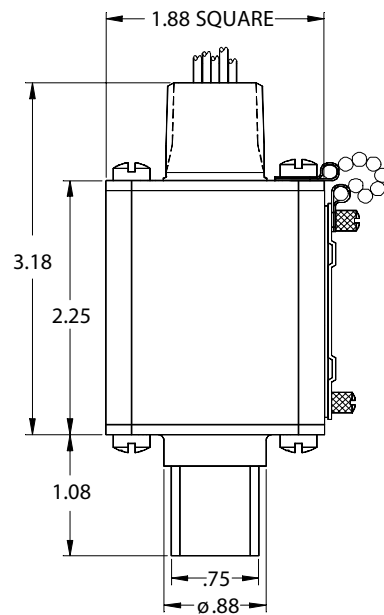
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## Dimensional Drawings:



**Model 360**



**Models 361 & 362**

## How To Order

Select letter or number codes to make up part number

Part #	361 Model	1 Pressure Connection	B Range	S Switch Output	1 Enclosure Material	M201 Options
<b>Code</b>	<b>Description</b>					
<b>Model Designation</b>						
360	Low Pressure Switch					
361	High Pressure Switch					
362	Mid Pressure Switch					
<b>Pressure Connection</b>						
1	1/4" NPT female (standard)					
2	1/2" NPT female					
<b>Range</b>						
A,B,C	See model chart for range specifications					
<b>Switch Output</b>						
S	SPDT					
D	DPDT					
<b>Enclosure Material</b>						
1	316 stainless steel					
<b>Options</b>						
0140	Gold flashed contacts, 1 A @ 125 VAC resistive					
M201	Factory set switch, specify increasing or decreasing pressure					
NC1	NACE Certificate					

**UE** UNITED ELECTRIC CONTROLS

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