Pipe Connections				
Standard pressure connection	1/4 in. N.P.T.F. female pipe thread	1/4 in. N.P.T.F. female pipe thread	3/8 in. N.P.T.F. female pipe thread SAE 7/16-20 UNF-2B thread O-ring boss seal SAE 9/16-18 UNF-2B thread O-ring boss seal	3/8 in. N.P.T.F. female pipe thread SAE 7/16-20 UNF-2B thread O-ring boss seal SAE 9/16-18 UNF-2B thread O-ring boss seal

⋆ Corrosive liquids and gases must be compatible with Type 316 Stainless Steel Bellows.

Note: Pressure difference controls are supplied with either copper alloy or stainless steel bellows. See Product Selection at **Style D Pressure Difference Controls with Copper Alloy Bellows⋆ — S.P.D.T. 2-Circuit Contact Block§** and **Style D Pressure Difference Controls with Type 316 Stainless Steel Bellows⋆ — S.P.D.T. 2-Circuit Contact Block§** for details.

Ordering Information

Ordering Bulletin 836T Pressure Controls

When ordering Bulletin 836T Pressure Controls, consider the following:

- Device style
- Occasional surge pressure
- Adjustable operating range
- Pressure media
- Adjustable differential
- Enclosure type
- Maximum line pressure
- Pressure connection

How to Order

Build a Catalog Number

Step 1: Basic Device
Select a catalog number for the basic device
See…
Style T Pressure Controls with Copper Alloy Bellows⋆ — S.P.D.T. 2-Circuit Contact Block
Style T Pressure Controls with Copper Alloy Bellows⋆ — D.P.D.T. 4-Circuit Contact Block
Style T Pressure Controls with Type 316 Stainless Steel Bellows⋆ — S.P.D.T. 2-Circuit Contact Block
Style T Pressure Controls with Type 316 Stainless Steel Bellows⋆ — D.P.D.T. 4-Circuit Contact Block
Style D Pressure Difference Controls with Type 316 Stainless Steel Bellows⋆ — S.P.D.T. 2-Circuit Contact Block§
Style D Pressure Difference Controls with Type 316 Stainless Steel Bellows⋆ — D.P.D.T. 4-Circuit Contact Block§

Step 2: Modifications
If required, add the appropriate modification
suffix code(s) to the catalog number of the basic device
See Accessories

Step 3: Accessories
If required, order accessories
See Modifications

Step 4: Factory Options
Factory-set pressure controls
See Factory Options

Note: Catalog number must not include blank spaces.

836T – T 25 1 J X40 X15 C

a b c d e f g

a	
Style of Device	
Code	**Description**
T	Pressure control
D	Pressure difference control

b		
Operator Type		
Code	**Style**	**Description**
25	T	Copper alloy bellows
26	T	Type 316 stainless steel bellows
30	T	Piston without seal
35	T	Piston with seal
40	T	Piston with seal (independent trip and reset adjustment)
45	D	Copper alloy bellows
46	D	Type 316 stainless steel bellows

c
Pressure Specifications
See Product Selection tables for Pressure Specifications.

d	
Enclosure Type	
Code	**Description**
J	1, 4 & 13 Industrial use
E	7 & 9 and 4 & 13 Combined hazardous locations

e	
Contact Block Type	
Code	**Description**
None	2-circuit contact block - standard
X40	4-circuit contact block

f
Modification 1
Add suffix codes in descending order whenever possible. (Optional. See Ordering Modifications.)

g	
Customer-Specified Trip and/or Reset Settings	
Code	**Description**
None	Max. range/min. differential

C	Customer-specified trip/reset setting ‡

‡ The requested trip/reset setting must be within the adjutable operating and differential ranges for the configured product. See Product Selection for more information.

Product Selection

Build a Catalog Number

Style T — Type 1, 4 & 13 with Pilot Light, Range Locking Cap, and 5-Pin Mini-Receptacle

Style T — Type 1, 4 & 13 with Pilot Light Option

Style T Pressure Controls with Copper Alloy Bellows⋆ — S.P.D.T. 2-Circuit Contact Block

Standard pressure controls shipped from the factory are set at the maximum operating range and minimum differential. For more information on standard pressure control settings and customer-specified pressure control settings, consult your local Rockwell Automation sales office or Allen-Bradley distributor.

Pressure Specifications				Enclosure Type	
Adjustable Operating Range [psi]	Adjustable Differential [psi] (Approximate Mid-Range Values)	Maximum psi		Type 1, 4 & 13	Type 7 & 9 and 4 & 13 §
		Line Pressure	Occasional Surge Pressure‡	Cat. No.	Cat. No.
30 in. Hg vacuum…35	2…7	80	90	836T-T251J	836T-T251E
6…75	3…15	200	220	836T-T252J	836T-T252E
12…150	6…30	350	450	836T-T253J	836T-T253E
20…300	10…55	600	750	836T-T254J	836T-T254E
40…450	20…90	900	1200	836T-T255J	836T-T255E
60…650	30…125	1300	1600	836T-T256J	836T-T256E

⋆ Copper alloy bellows may be used on water or air, and other liquids or gases not corrosive to this alloy.

‡ Transients (pulses) can occur in a system prior to reaching a steady-state condition. Surge pressures within published values generated during start-up or shut-down of a machine or system, not exceeding eight times in a 24-hour period, are negligible.

§ The combined Type 7 & 9 and 4 & 13 Hazardous Gas and Dust service enclosure is supplied with special gasket and O-ring seal to diminish/exclude moisture, fluids, and dust from entering the enclosure. Enclosure is Rated for the Following Environments:

CLASS I Groups C,D
CLASS II Groups E,F,G
CLASS III

Style T Pressure Controls with Copper Alloy Bellows⋆ — D.P.D.T. 4-Circuit Contact Block

Standard pressure controls shipped from the factory are set at the maximum operating range and minimum differential. For more information on standard pressure control settings and customer-specified pressure control settings, consult your local Rockwell