

# ADJUSTABLE PRESSURE SWITCHES ATEX-CSA TYPE 132/232

Execution	Explosion proof Eexd IIC T6
Certification	Atex, CSA, CENELEC
Contacts	SPDT or DPDT
Electrical specification	Explosion proof. Factory sealed. Hermetically sealed. Electrical assembly. P/N 057.0030 (C form), P/N 057.0057 (CC form). Underwriters' Laboratories Inc. Listed (file. E 56677) or Canadian Standards Associations (file. 34146) for Division 1 and 2; Class I; Groups A, B, C, D; Class II Groups E, F, G, hazardous locations (NEMA 7 and 9), ATEX.
Working Temperature	Ambient -40 +180 °C Media -40 +250 °C
Electrical threads	½" NPT Male, Insulated AWG leads L= 450mm
Pressure threads	¼" NPT Female
Adjustment	Internal, slotted adjustment nut with range scale



## ORDERING CODE

**132P 4 6 C6 HN**

<b>TYPE</b>	132-232
<b>WETTED MATERIAL</b>	4 - 5
<b>132 ADJUSTABLE RANGE</b>	8 - 9 - 1 - 2 - 4 - 6 - 7
<b>232 ADJUSTABLE RANGE</b>	1 - 2 - 3 - 4 - 5 - 6
<b>ELECTRICAL FORM</b>	C6 - CC6
<b>OPTIONS</b>	A - B - C - G - H - I - M - N - R

Adjustable range	Adjustable set-point Increasing (bar)	Adjustable set-point Decreasing (bar)	Deadbande (bar)	Maximum working pressure (bar)	Proof pressure (bar)
<b>132P</b>					
8	0,2÷2	0,07÷2	0,14	93	138
9	1,4÷5,6	1÷5	0,34	93	138
1	3,5÷17,5	2÷16	1,4	345	517
2	14÷28	12÷26	1,7	345	517
4	26÷50	23÷47	3,0	345	517
6	48÷103	43÷98	5,5	448	517
7	103÷159	97÷152	7,0	448	517
<b>232P</b>					
1	3,4÷19	1,7÷17	1,7	345	517
2	14 ÷ 69	5 ÷ 60	8,6	448	517
3	69 ÷ 214	48 ÷ 193	21	448	517
4	193 ÷ 414	159 ÷ 379	34	690	931
5	379 ÷ 586	338 ÷ 545	41	690	931
6	483 ÷ 690	414 ÷ 621	69	862	1034

## ORDERING SEQUENCE

<b>TYPE</b>	132P Explosion proof Diaphragm Pressure Switches
232P	Explosion proof Piston Pressure Switches
<b>WETTED MATERIAL</b>	
4	316 stainless steel port and diaphragm, Buna-N O-Ring
5	316 stainless steel port and diaphragm heliarc welded
<b>RANGE 132</b>	
8	0,07 ÷ 2 bar
9	1 ÷ 5,6 bar
1	2 ÷ 17,5 bar
2	12 ÷ 28 bar
4	23 ÷ 50 bar
6	43 ÷ 103 bar
7	97 ÷ 159 bar
<b>RANGE 232</b>	
1	1,7 ÷ 19 bar
2	5 ÷ 69 bar
3	48 ÷ 214 bar
4	159 ÷ 414 bar
5	338 ÷ 586 bar
6	414 ÷ 690 bar
<b>ELECTRICAL FORM</b>	
C6	SPDT Contact: 11 A and 1/4 CV 125 or 250 VAC; 5 A resistive, 3 A inductive @ 28 VDC; 0,5 A resistive @ 125 VDC.
CC6	DPDT Contact: 11 A and 1/4 CV 125 or 250 VAC; 5 A resistive, 3 A inductive @ 28 VDC; 0,5 A resistive @ 125 VDC.

## OPTIONS

A	Epoxy paint exterior Extra protection for severe environment
B	Viton O-Ring
C	EPR O-Ring
E	7/16" SAE Port
G	½" NPT Female port
H	316 Stainless steel body
I	¾" Conduit box with terminal strip
J	Annealed stainless steel port screw for H2S environments (contact factory for details)
M	Gold electrical contacts for low current applications
N	CENELEC / ATEX approval
R	1800 mm free leads

N.B. Non catalogue adjustable range ad or set point, deadband proof pressure.

