

ADJUSTABLE DIFFERENTIAL PRESSURE SWITCHES TYPE 162

Execution Explosin 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 +82 °C
 Media -40 +121 °C
Electrical threads 1/2" NPT Male, Insulated AWG leads L= 450mm
Pressure threads 1/4" NPT Female
Adjustment Concealed wrench flat adjustment with range scale



ORDERING CODE

162P 4 2 C6 H

TYPE
162
WETTED MATERIAL
1 - 4
ADJUSTABLE RANGE
2 - 4 - 6 - 8 - 9
ELECTRICAL FORM
C6 - CC6
OPTIONS
A - B - C - H - I - M - N - R

Adjustable range	Increasing set-point (bar)	Decreasing set-point (bar)	Deadband (bar)	Maximum working pressure (bar)	Proof pressure* (bar)
162P					
2	0,4 ÷ 3,5	0,07 ÷ 3	0,35	350	525
4	1,4 ÷ 6	0,7 ÷ 5,5	0,7	350	525
6	2 ÷ 14	0,7 ÷ 12,5	1,4	350	525
8	12 ÷ 24	10 ÷ 22	2	350	525
9	22,4 ÷ 70	15,5 ÷ 63	7	350	525

* Proof pressure: high/low 175 bar; low/high 175 bar, simultaneous 525 bar

ORDERING SEQUENCE

TYPE
 162P Diaphragm differential pressure switches

WETTED MATERIAL

- 1 Aluminium port, Teflon coated polyimide diaphragm, Buna-N O-Rings
- 4 300 Stainless steel, Teflon coated polyimide diaphragm, Buna-N O-Rings

RANGE 162

- 2 0,4 + 3,5 bar increasing - 0,07 + 3,0 bar decreasing
- 4 1,4 + 6 bar inc. - 0,7 + 5,5 bar in dec.
- 6 2,0 + 14,0 bar inc. - 0,7 + 12,5 bar in dec.
- 8 12,0 + 24,0 bar inc. - 10,0 + 22,0 bar in dec.
- 9 22,4 + 70,0 bar inc. - 15,5 + 63,0 bar dec.

ELECTRICAL FORM

- C6 SPDT Contact: 11 A and 1/4 CV 125 o 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 o 250 VAC; 5 A resistive, 3 A inductive @ 28 VDC; 0,5 A resistive @ 125 VDC.

OPTIONS

- A Epoxy paint exterior
 - B Extra protection for severe environment
 - C Viton O-Ring
 - C EPR O-Ring
 - H 316 Stainless Steel body (included with wetted material 4)
 - I 3/4" Conduit box with terminal strip
 - 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.

