

Compact Pressure Switch Type 9692X

Explosion Proof Housing for Ex-applications, Accuracy Class 2% f. s.

Features

Piston Sensor
 Safe to Adjust During Operation
 Tamper Resistant Cover
 1 Switching Contact SPDT
 Flameproof Enclosure acc. ATEX
 Option: 1 Switching Contact
 for Separate Circuits, DPDT-Function

Measuring Ranges

6,9 ...51,7 bar up to 69,0 ... 571,1 bar Relative Pressure

Applications

Process Industry, Petrochemical Plants,
 Machine Tool Industry, Compressors



Technical Data

Accuracy	: ±2% f. s.
Switching Frequency	: max. 30 / min
Ambient Temperature	: -30 ... +75 °C
Process Connection	: 1/4" NPT Female
Option	: 1/2" NPT Male
Electrical Connection	: 1/2" NPT Male Conduit Connector 18 AWG 18", (300 mm) Freeleads, PVC Jacket
Switch Type	: 1 Switch Contact, SPDT
Rating	: 11 A, 125 / 250 V AC 5 A, 30 V DC 1 A, 125 V DC
Option	: 1 Switching Contact, 1 x DPDT
Protection Class	: IP65
Housing	: Stainless Steel, Explosion Proof
Wetted Parts	
Process Fitting	: Stainless Steel
Seals	: Buna N, Teflon
Piston	: Stainless Steel
Set Point	: Turn the adjustment wheel clockwise to increase the set point
Weight (appr.)	: 375 g
Vibration	: 10 g Sine Peak, 10...500 Hz, MIL-STD 202F

Shock	: 50 g Sine Peak, 11 ms, MIL-S-901C
Approvals	: CENELEC EEx d II C T6 : UL #E37043, CSA #LR22354 and Division I Class I, Group A, B, C & D; Class II, Group E, F & G
Certificate-No.	: LCIE 98.D6008.X LCIE 02 ATEX 6027X
Standard Options	: Dual Circuit, 2 SPDT Switches with DPDT Function : Gold Contact Limit Switch, 1 A, 125 V AC : Ex-Terminal Box : Tamper Proof Cover

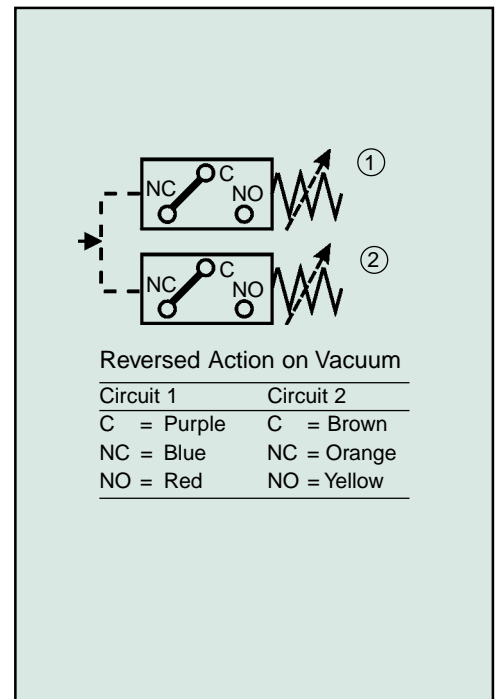
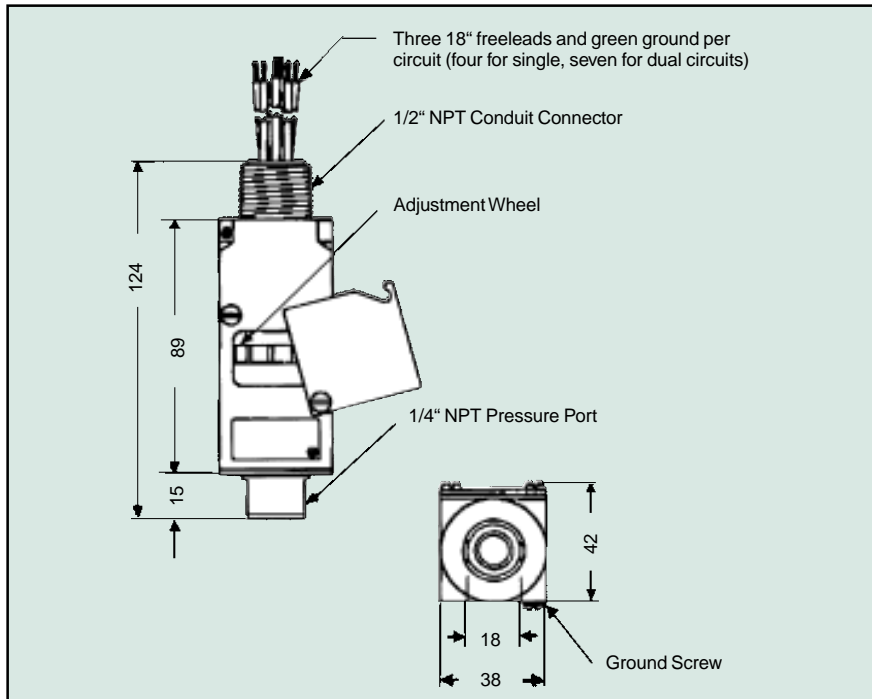
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Dimensions (in mm)

Wiring Code for all Types (Contact status at atmospheric pressure)

05 / 03 KDM-ENG 03 / 2

Barksdale Mechanical Pressure Switches



Wiring Code

	Pressure	Vacuum
Lead Function	Circuit 1	Circuit 2
Normally Open / NO	Red	Yellow
Common / C	Purple	Brown
Normally Closed / NC	Blue	Orange
Ground	Green	

Pressure Ranges (bar)

Order-No. 1 Switch Contact SPDT	Order-No. 1 Switch Contact DPDT	Pressure Ranges	Adjustment Ranges				Approx. Actuation Difference	Proof Pressure
			Decreasing		Increasing			
			min.	max.	min.	max.		
9692X-1CC-1	9692X-2CC-1	51,7	6,9	41,4	10,3	51,7	3,4...10,3	1034,3
9692X-1CC-2	9692X-2CC-2	69,0	10,3	55,2	15,2	69,0	4,8...13,8	1034,3
9692X-1CC-3	9692X-2CC-3	206,9	27,6	179,3	34,5	206,9	6,9...27,6	1034,3
9692X-1CC-4	9692X-2CC-4	344,8	48,3	303,5	57,9	344,8	9,7...41,4	1034,3
9692X-1CC-5	9692X-2CC-5	571,1	69,0	462,1	82,8	571,1	9,7...55,2	1034,3

Accessories

Order Number	Description
903-0539	EExd - Terminal box incl. terminal
999-0081	Tamper proof cover with two head cap screws with holes for wire and seal



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