

Piston pressure switch with explosion proof housing, for hazardous areas, accuracy class 2% f. s.

## Features

Stainless steel body and parts,  
Flameproof enclosure according to ATEX, UL, CSA,  
Safe to adjust during operation,  
1 switching contact (SPDT)

## Adjustment ranges

17.2...571 bar

## Applications

Process Industry,  
Petrochemical Plants,  
Machine Tool Industry,  
Compressors



Index: D

## Technical Data

<b>Wetted parts:</b>	
Process connection:	Stainless steel, material no. 1.4401
Seals:	FKM
Piston:	Material no. 1.4006
<b>Repeatability:</b>	±2 % f. s.
<b>Switching rate:</b>	max. 30/min
<b>Temperature range:</b>	-30 °C... +75 °C
<b>Protection class:</b>	IP65
<b>Housing:</b>	Stainless steel 1.4401, explosion proof
<b>Process connection:</b>	1/4" NPT female thread
<b>Electrical connection:</b>	1/2" NPT AG male conduit connector 18 AWG 18" (450 mm) lead wire, PVC jacket
<b>Switch type:</b>	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
<b>Weight:</b>	375 g

<b>Set point adjustment:</b>	Turn the adjustment wheel clockwise to increase the set point
<b>Vibration resistance:</b>	10 g, sine 10...500, MIL-STD 202F
<b>Shock resistance:</b>	50 g, 11 ms, MIL-S-901C
<b>Approval:</b>	CENELEC Ex d II C T6, UL #E37043, CSA #LR22354 and Division I Class I, Group A, B, C & D; Class II, Group E, F & G
<b>Certificate no.:</b>	LCIE 02 ATEX 6027X
<b>Options:</b>	Dual circuit 2 SPDT switches with DPDT function Gold contact switch, 1 A, 125 V AC Ex terminal box Tamper proof cover

Specifications are subject to changes without notice.

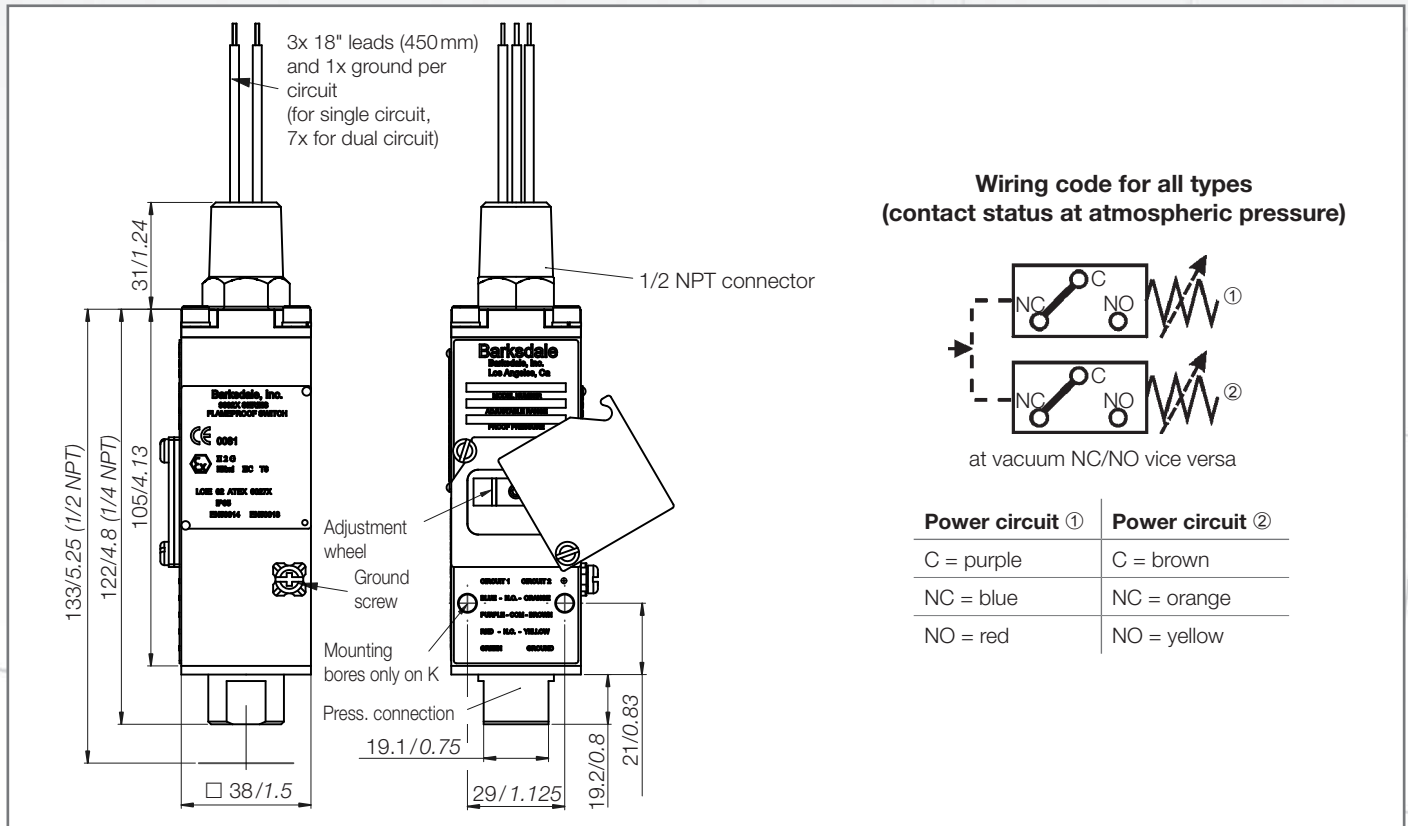
# Pressure

## Compact Pressure Switches

Type 9692X

### Dimensions (in mm / inch)

Index: D



### Electrical connection

Function	Pressure		Vacuum		Option	
	Circuit 1	Circuit 2	Circuit 1	Circuit 2		
Normally Open/NO	red	yellow	blue	orange	K	with mounting bores
Common/C	purple	brown	purple	brown		
Normally Closed/NC	blue	orange	red	yellow		
Earth	green		green			

### Pressure ranges

Ordering code 1 Switch contact SPDT (standard)	Ordering code 1 Switch contact DPDT (option)	Adjustment ranges [bar]				Max. hysteresis (end of range) [bar]	Max. operating pressure [bar]	Proof pressure [bar]
		Increasing press.		Decreasing press.				
		min.	max.	min.	max.			
9692X-1CC-1	9692X-2CC-1	17.2	51.7	6.9	41	10.3	600	1034
9692X-1CC-2	9692X-2CC-2	24.1	68.9	10.3	55	13.8	600	1034
9692X-1CC-3	9692X-2CC-3	55.0	206.0	27.5	179	27.5	600	1034
9692X-1CC-4	9692X-2CC-4	89.5	344.0	48.2	303	41.3	600	1034
9692X-1CC-5	9692X-2CC-5	124.0	571.0	68.9	462	55.1	600	1034

### Accessories

Order Number	Description
926-0811	Ex d - Terminal box incl. terminal (drawing 923-1533 on request)
999-0081	Tamper proof cover

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