Compact Switch

Series 96201, 96211, 96221

Features

- Compact size
- ▶ Low & high pressures including vacuum
- Extremely versatile
- ▶ Optional DIN and conduit connectors
- ▶ NEMA 1 & 4; IP65
- Single pole double throw snap action switching
- ▶ Factory preset or field adjustable

Applications

- Pump & compressor monitoring
- ► Air proving in HVAC systems
- Engine monitoring
- Machine tools
- Hydraulic power units
- Mobile hydraulics
- Medical equipment
- Irrigation systems
- General industrial applications



General Specifications*

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Accuracy:	± 2% of full range			
Switch: Type:	SPDT snap action; single circuit			
Rating:	5 Amp @ 125/250 VAC (Class BB microswitch - standard) 10 Amp @ 125/250 VAC (Class CC microswitch) 5 Amp @ 30 VDC (Class BB and CC microswitches) (No agency)			
Wetted Parts: Process Fitting:	Brass (standard); 416 stainless steel (optional)			
O-Ring Seals & Diaphragms:	Buna-N (standard)			
Piston (96201 models):	Stainless steel; Teflon back-up ring			
Electrical Connection:	12" free leads, #18 AWG (Standard)			
Enclosure Ratings:	NEMA 1 (plastic - standard) NEMA 4 (when ordered with -T4 or -T5 options) IP65 (when ordered with T2 DIN connection option			
Pressure Connection:	1/4" NPT male (standard)			
Approvals: UL:	UL recognized component (UR); With optional conduit connector (-T4 or -T5 option) becomes UL listed. UL File No. E42816.			
CSA:	CSA #LR22355			

Temperature Range: Series 96201: Series 96211: Series 96221:	-40° to +165°F (-40° to +74°C) -20° to +165°F (-29° to +74°C) 0° to +165°F (-18° to +74°C)
Adjustment Capability:	Models L96201, L96211 and L96221 are factory set and permanently locked. Models 96201, 96211, and 96221 are field adjustable via an external adjustment sleeve.
Pressure Setpoint Adjustment:	Secure hex body with open-end wrench; hand turn adjustment sleeve: Clockwise (counterclockwise for vacuum models) to increase. Counterclockwise (clockwise for vacuum models) to decrease set point.
Shipping Weight:	Approximate 0.95 lbs.

Wiring Code

	PRESSURE		VACUUM	
LEAD	COLOR	PIN	COLOR	PIN
NORMALLY CLOSED	BLUE	2	RED	3
COMMON	PURPLE	1	PURPLE	1
NORMALLY OPEN	RED	3	BLUE	2

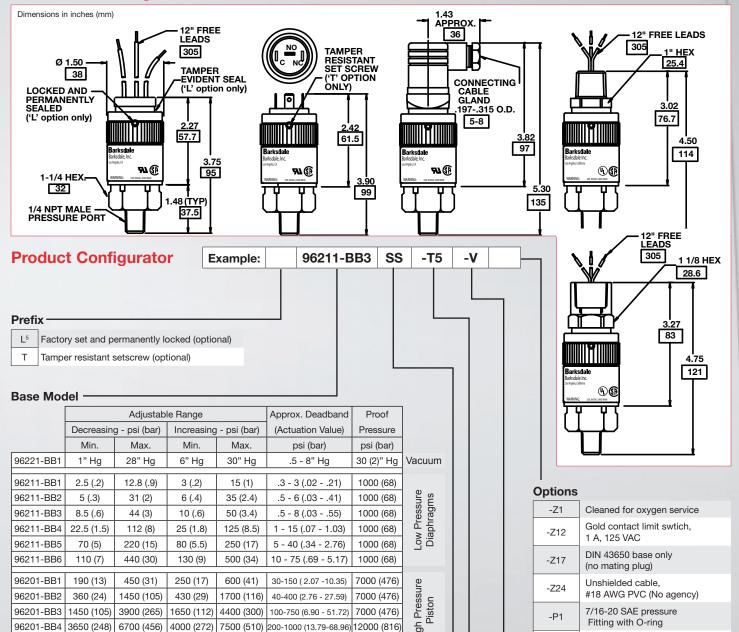


 $^{^{\}star}$ See product configurator for additional options.

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Technical Drawings



Fitting Option

96201-BB5

Blank	Brass (Standard)
SS ¹	Stainless steel (Not available with vacuum or 96201-BB4 models)

300 (20)

2500 (170)

380 (26)

-CC 10A @ 125/250VAC Limit Switch (replace -BB with -CC)

3000 (200)

NOTES:

- ¹ Not available with 96221-BB1 or 96201-BB4 base models
- ² Minimum quantities may apply
- Only available with -T5 electrical connection
 Not available with DIN connector (-T2 option)
- 5 Requires selection of factory preset -SXXX option

Electrical Connectors

80-500 (5.52-34.48)

Blank	12" free leads (standard)
-T1	1/4" male spade terminals
-T2	DIN Connector, 43650A
-T4	1/2" NPT male conduit connector with free leads
-T5	1/2" NPT female conduit connector with free leads

7000 (476)

Diaphragm/O-ring Material²

SJO cable, #18 AWG

(available only with T5 connector)

Extra wire length (XXX = inches)

Factory preset (consult factory)

(XXX = inches)

-JXXX³

-WXXX⁴

-SXXX

Blank	Buna-N (standard)
-E	Ethylene propylene (EPR)
-N	Neoprene (No agency)
-V	Viton®

Barksdale