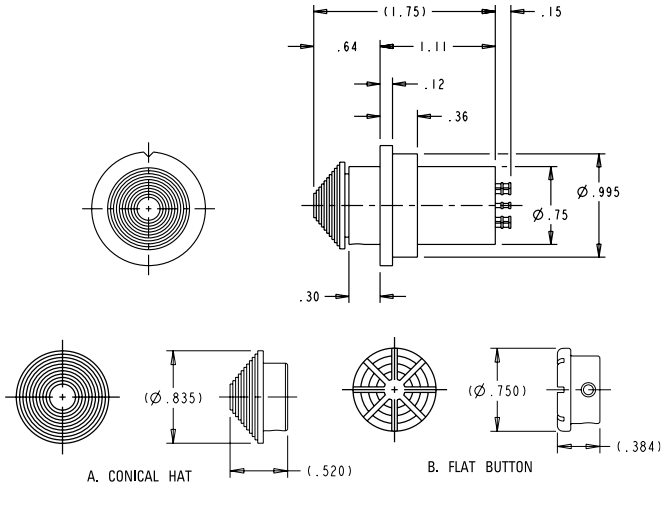
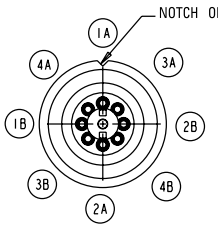
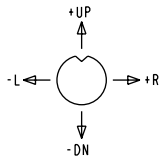
0.750" DIAMETER FLANGE MOUNT, SHORT TRAVEL

Conical Hat Shown

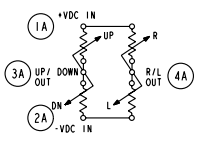
Standard Characteristics/Ratings:	
ELECTRICAL RATINGS:	
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 2
Operating Force:	3.0 lbs.
Operating Temp Range:	-40°C to +71°C
Storage Temp Range:	-55°C to +85°C
Travel:	To mechanical stop 0.05 inches max
MATERIALS:	
Button:	Thermoplastic or anodized aluminum
Terminals:	Tin plate over copper plate over brass
Wire:	MIL-W-16878/4, 12 inches min, 24 AWG
Hardware:	None provided



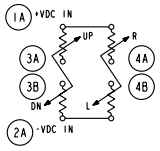




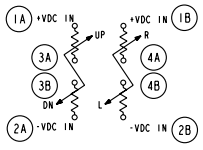
AVAILABLE CIRCUITS



A. FULL BRIDGE (4 TERMINALS)



B. HALF BRIDGE (6 TERMINALS)



C. ISOLATED GAGES (8 TERMINALS)

J2-S1 PART NUMBER CODE

J2-S1 X XX X X XX

Circuit Type
- **A.** Full Bridge
- **B.** Half Bridge
- **C.** Isolated

Electrical I/O (See Table)
- **B1.**
- **B2.**
- **B3.**
- **B4.**
- **B5.**
- **B6.**
- **B7.**
- **G1.**
- **G2.**
- **G3.**
- **G4.**
- **G5.**
- **G6.**
- **G7.**

Termination
- **1.** Wire Leads
- **2.** Terminals

Button Style
- **A.** Conical Hat
- **B.** Flat Button

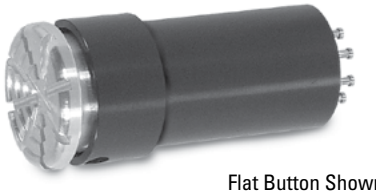
Color
- **P1.** Red Thermoplastic ①
- **P2.** Black Thermoplastic ①
- **P8.** Gray Thermoplastic ①
- **BA.** Black Anodized Aluminum ②
- **CA.** Clear Anodized Aluminum ②

① Conical hat only.
② Flat button only.

EXCITATION VOLTAGE TABLE						
Circuit Configuration	**Excitation Voltage (Units VDC)**	**Sensitivity Until Stop (Units VDC/lb. +/- 20%)**	**Max Output at Stop (Units VDC)**	**Null Output at 25°C Bipolar (Units VDC)**	**Null Output at 25°C Supply to Ground (Units VDC)**	**Full Scale Travel Cycles (Units x 10^6)**
B1	+/- 12.0	+/- 0.45	+/- 1.40	+/- 0.12		0.2
G1	+ 24.0	+/- 0.45	+/- 1.40		12.0 +/- 0.12	0.2
B2	+/- 10.0	+/- 0.45	+/- 1.40	+/- 0.12		0.2
G2	+ 20.0	+/- 0.45	+/- 1.40		10.0 +/- 0.12	0.2
B3	+/- 7.5	+/- 0.45	+/- 1.40	+/- 0.10		0.3
G3	+ 15.0	+/- 0.45	+/- 1.40		7.5 +/- 0.10	0.3
B4	+/- 6.0	+/- 0.45	+/- 1.40	+/- 0.10		0.2
G4	+ 12.0	+/- 0.45	+/- 1.40		6.0 +/- 0.10	0.2
B5	+/- 6.0	+/- 0.33	+/- 1.03	+/- 0.06		1.0
G5	+ 12.0	+/- 0.33	+/- 1.03		6.0 +/- 0.06	1.0
B6	+/- 5.0	+/- 0.33	+/- 1.03	+/- 0.05		1.0
G6	+ 10.0	+/- 0.33	+/- 1.03		5.0 +/- 0.05	1.0
B7	+/- 5.0	+/- 0.25	+/- 0.78	+/- 0.05		2.0
G7	+ 10.0	+/- 0.25	+/- 0.78		5.0 +/- 0.05	2.0

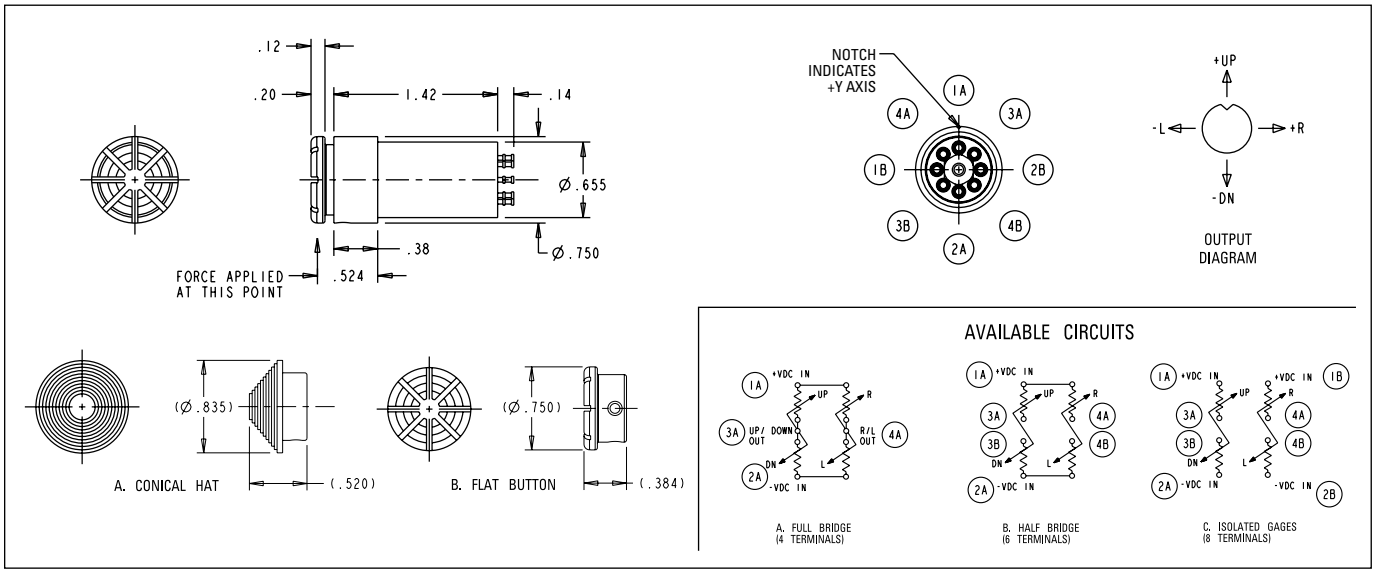
TRANSDUCER

0.655" DIAMETER FLANGE MOUNT, SHORT TRAVEL



Flat Button Shown

Standard Characteristics/Ratings:	
ELECTRICAL RATINGS:	
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 2
Operating Force:	3.0 lbs.
Operating Temp Range:	-40°C to +71°C
Storage Temp Range:	-55°C to +85°C
Travel:	To mechanical stop 0.05 inches max
MATERIALS:	
Button:	Thermoplastic or anodized aluminum
Terminals:	Tin plate over copper plate over brass
Wire:	MIL-W-16878/4, 12 inches min, 24 AWG
Hardware:	None provided



J2-S2 PART NUMBER CODE

J2-S2 X XX X X XX

Circuit Type

A. Full Bridge
B. Half Bridge
C. Isolated

Electrical I/O (See Table)

B1.
B2.
B3.
B4.
B5.
B6.
B7.
G1.
G2.
G3.
G4.
G5.
G6.
G7.

Termination

1. Wire Leads
2. Terminals

Button Style

A. Conical Hat
B. Flat Button

Color

P1. Red Thermoplastic ①
P2. Black Thermoplastic ①
P8. Gray Thermoplastic ①
BA. Black Anodized Aluminum ②
CA. Clear Anodized Aluminum ②

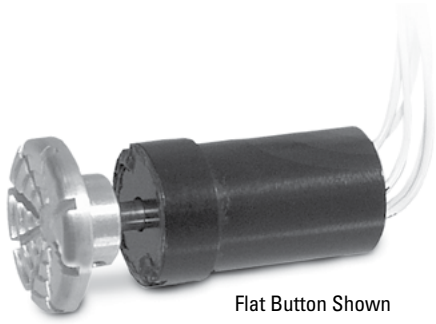
① Conical hat only.
② Flat button only.

EXCITATION VOLTAGE TABLE

Circuit Configuration	Excitation Voltage (Units VDC)	Sensitivity Until Stop (Units VDC/lb. +/- 20%)	Max Output at Stop (Units VDC)	Null Output at 25°C Bipolar (Units VDC)	Null Output at 25°C Supply to Ground (Units VDC)	Full Scale Travel Cycles (Units x 10^6)
B1	+/- 12.0	+/- 0.45	+/- 1.40	+/- 0.12		0.2
G1	+ 24.0	+/- 0.45	+/- 1.40		12.0 +/- 0.12	0.2
B2	+/- 10.0	+/- 0.45	+/- 1.40	+/- 0.12		0.2
G2	+ 20.0	+/- 0.45	+/- 1.40		10.0 +/- 0.12	0.2
B3	+/- 7.5	+/- 0.45	+/- 1.40	+/- 0.10		0.3
G3	+ 15.0	+/- 0.45	+/- 1.40		7.5 +/- 0.10	0.3
B4	+/- 6.0	+/- 0.45	+/- 1.40	+/- 0.10		0.2
G4	+ 12.0	+/- 0.45	+/- 1.40		6.0 +/- 0.10	0.2
B5	+/- 6.0	+/- 0.33	+/- 1.03	+/- 0.06		1.0
G5	+ 12.0	+/- 0.33	+/- 1.03		6.0 +/- 0.06	1.0
B6	+/- 5.0	+/- 0.33	+/- 1.03	+/- 0.05		1.0
G6	+ 10.0	+/- 0.33	+/- 1.03		5.0 +/- 0.05	1.0
B7	+/- 5.0	+/- 0.25	+/- 0.78	+/- 0.05		2.0
G7	+ 10.0	+/- 0.25	+/- 0.78		5.0 +/- 0.05	2.0

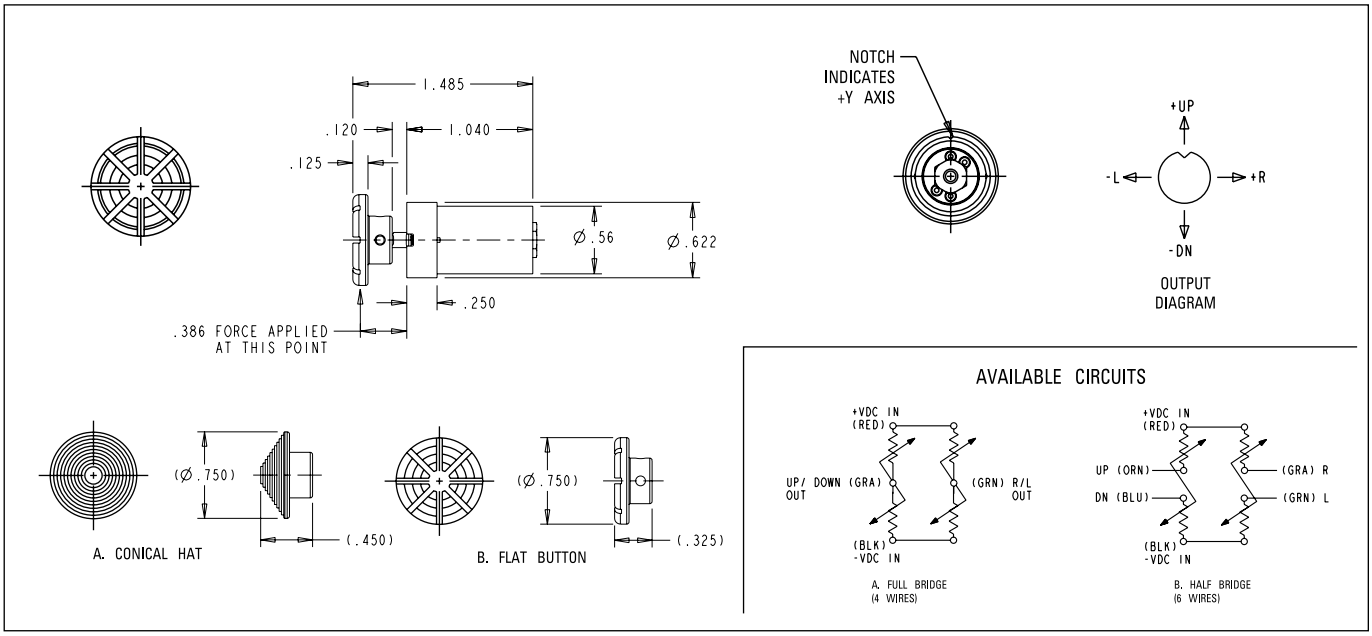
Specifications Subject To Change Without Notice

0.560" DIAMETER FLANGE MOUNT, SHORT TRAVEL



Flat Button Shown

Standard Characteristics/Ratings:	
ELECTRICAL RATINGS:	
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 2
Operating Force:	3.0 lbs.
Operating Temp Range:	-40°C to +71°C
Storage Temp Range:	-55°C to +85°C
Travel:	To mechanical stop 0.05 inches max
MATERIALS:	
Wire:	MIL-W-16878/4, 12 inches min 24 AWG
Button:	Thermoplastic or anodized aluminum
Hardware:	None provided



J2-S3 PART NUMBER CODE

J2-S3 X XX X X XX

Circuit Type	Electrical I/O (See Table)	Termination	Button Style	Color
A. Full Bridge	**B1.**	**1.** Wire Leads	**A.** Conical Hat	**P1.** Red Thermoplastic ①
B. Half Bridge	**B2.**		**B.** Flat Button	**P2.** Black Thermoplastic ①
	B3.			**P8.** Gray Thermoplastic ①
	B4.			**BA.** Black Anodized Aluminum ②
	B5.			**CA.** Clear Anodized Aluminum ②
	G1.			
	G2.			① Conical hat only.
	G3.			② Flat button only.
	G4.			
	G5.			

EXCITATION VOLTAGE TABLE

Circuit Configuration	Excitation Voltage (Units VDC)	Sensitivity Until Stop (Units VDC/lb. +/- 20%)	Max Output at Stop (Units VDC)	Null Output at 25°C Bipolar (Units VDC)	Null Output at 25°C Supply to Ground (Units VDC)	Full Scale Travel Cycles (Units x 10^6)
B1	+/- 7.5	+/- 0.45	+/- 1.40	+/- 0.10		0.3
G1	+ 15.0	+/- 0.45	+/- 1.40		7.5 +/- 0.10	0.3
B2	+/- 6.0	+/- 0.45	+/- 1.40	+/- 0.10		0.2
G2	+ 12.0	+/- 0.45	+/- 1.40		6.0 +/- 0.10	0.2
B3	+/- 6.0	+/- 0.33	+/- 1.03	+/- 0.06		1.0
G3	+ 12.0	+/- 0.33	+/- 1.03		6.0 +/- 0.06	1.0
B4	+/- 5.0	+/- 0.33	+/- 1.03	+/- 0.05		1.0
G4	+ 10.0	+/- 0.33	+/- 1.03		5.0 +/- 0.05	1.0
B5	+/- 5.0	+/- 0.25	+/- 0.78	+/- 0.05		2.0
G5	+ 10.0	+/- 0.25	+/- 0.78		5.0 +/- 0.05	2.0

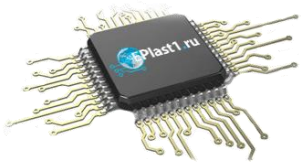
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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