

TRANSDUCER

0.750" DIAMETER FLANGE MOUNT, SHORT TRAVEL

Conical Hat
Shown

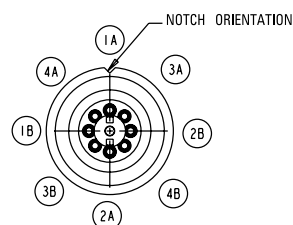
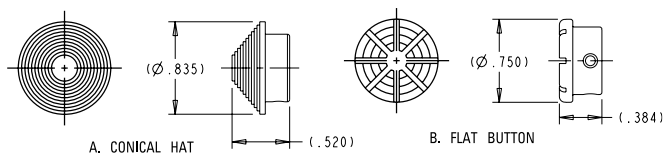
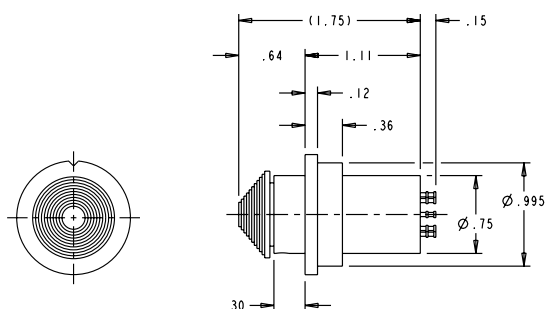
Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

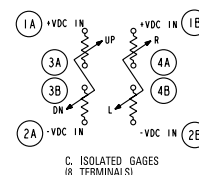
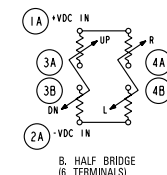
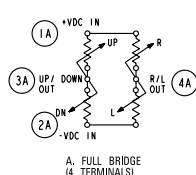
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 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



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

0.655" DIAMETER FLANGE MOUNT, SHORT TRAVEL



Flat Button Shown

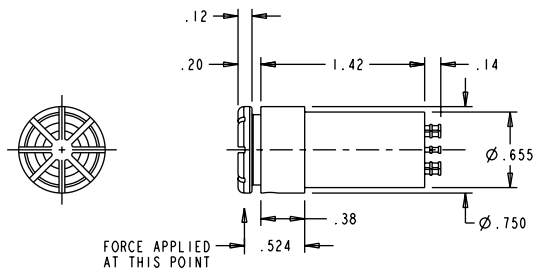
Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

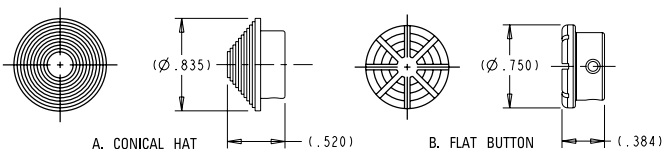
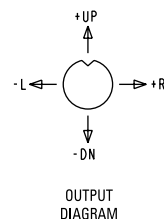
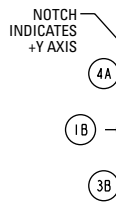
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 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



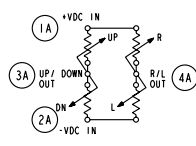
FORCE APPLIED AT THIS POINT



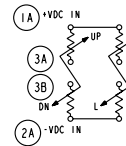
A. CONICAL HAT

B. FLAT BUTTON

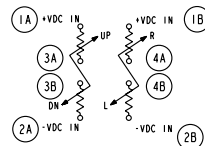
AVAILABLE CIRCUITS



A. FULL BRIDGE (4 TERMINALS)



B. HALF BRIDGE (6 TERMINALS)



C. ISOLATED GAGES (8 TERMINALS)

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

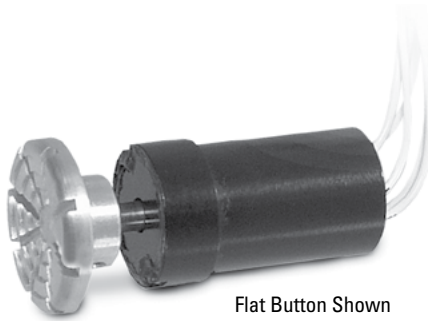
- P1. Red Thermoplastic ①
- P2. Black Thermoplastic ①
- P8. Gray Thermoplastic ①
- BA. Black Anodized Aluminum ②
- CA. Clear Anodized Aluminum ②

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 10s)
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

0.560" DIAMETER FLANGE MOUNT, SHORT TRAVEL



Flat Button Shown

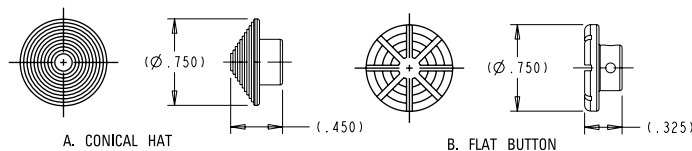
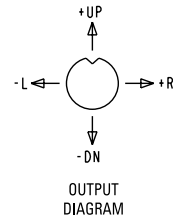
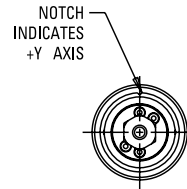
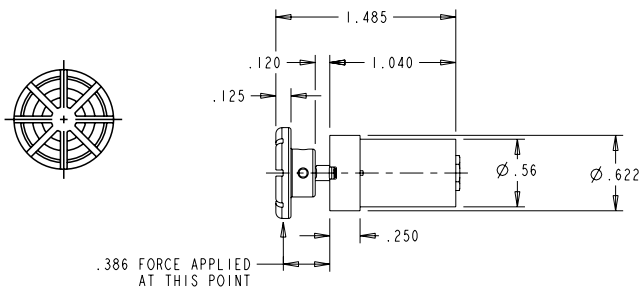
Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

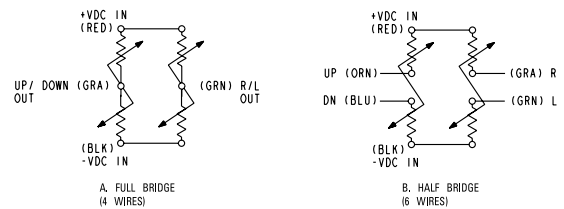
Insulation Resistance:	100MΩ min @ 50VDC
Null Temp Coefficient:	+/- 0.04% of full scale per degree C max
Hysteresis:	+/- 0.5% of full scale within 1 second after release
Sensitivity Temp Coefficient:	+/- 0.2% full scale per degree C
Resolution:	Infinite
Seal:	Enclosure dusttight per MIL-PRF-8805 Design 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



AVAILABLE CIRCUITS



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.				
	G3.				
	G4.				
	G5.				

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 ⁴)
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 «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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