

## 0.750" DIAMETER FLANGE MOUNT, SHORT TRAVEL

Conical Hat  
Shown

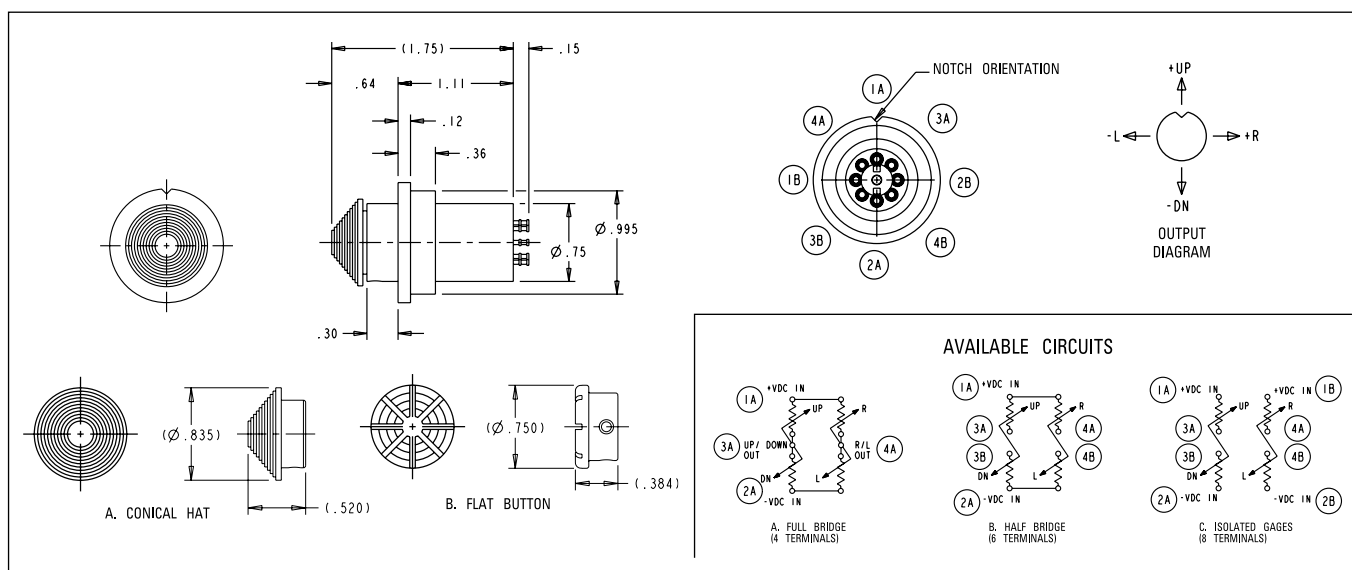
## Standard Characteristics/Ratings:

## ELECTRICAL RATINGS:

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| <b>Insulation Resistance:</b>        | 100MΩ min @ 50VDC                                    |
| <b>Null Temp Coefficient:</b>        | +/- 0.04% of full scale per degree C max             |
| <b>Hysteresis:</b>                   | +/- 0.5% of full scale within 1 second after release |
| <b>Sensitivity Temp Coefficient:</b> | +/- 0.2% full scale per degree C                     |
| <b>Resolution:</b>                   | Infinite                                             |
| <b>Seal:</b>                         | Enclosure dusttight per MIL-PRF-8805 Design 2        |
| <b>Operating Force:</b>              | 3.0 lbs.                                             |
| <b>Operating Temp Range:</b>         | -40°C to +71°C                                       |
| <b>Storage Temp Range:</b>           | -55°C to +85°C                                       |
| <b>Travel:</b>                       | To mechanical stop 0.05 inches max                   |

## MATERIALS:

|                   |                                        |
|-------------------|----------------------------------------|
| <b>Button:</b>    | Thermoplastic or anodized aluminum     |
| <b>Terminals:</b> | Tin plate over copper plate over brass |
| <b>Wire:</b>      | MIL-W-16878/4, 12 inches min, 24 AWG   |
| <b>Hardware:</b>  | None provided                          |



## 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 <sup>6</sup> ) |
|-----------------------|--------------------------------|------------------------------------------------|--------------------------------|-----------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| 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



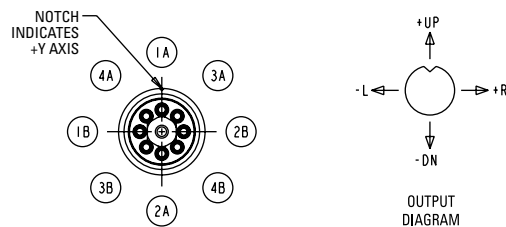
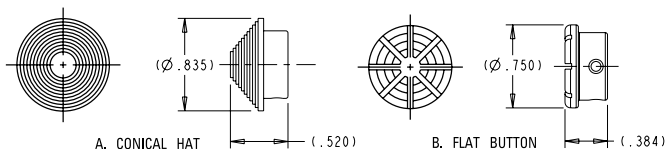
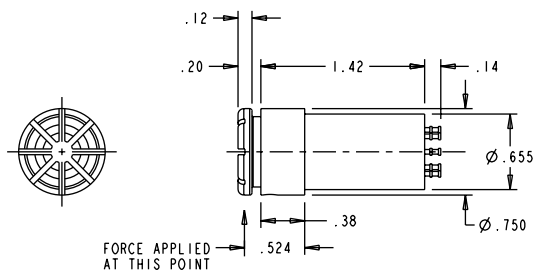
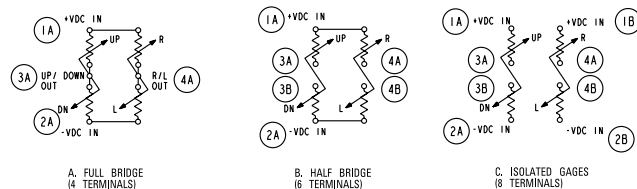
Flat Button Shown

**Standard Characteristics/Ratings:****ELECTRICAL RATINGS:**

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| <b>Insulation Resistance:</b>        | 100MΩ min @ 50VDC                                    |
| <b>Null Temp Coefficient:</b>        | +/- 0.04% of full scale per degree C max             |
| <b>Hysteresis:</b>                   | +/- 0.5% of full scale within 1 second after release |
| <b>Sensitivity Temp Coefficient:</b> | +/- 0.2% full scale per degree C                     |
| <b>Resolution:</b>                   | Infinite                                             |
| <b>Seal:</b>                         | Enclosure dusttight per MIL-PRF-8805 Design 2        |
| <b>Operating Force:</b>              | 3.0 lbs.                                             |
| <b>Operating Temp Range:</b>         | -40°C to +71°C                                       |
| <b>Storage Temp Range:</b>           | -55°C to +85°C                                       |
| <b>Travel:</b>                       | To mechanical stop 0.05 inches max                   |

**MATERIALS:**

|                   |                                        |
|-------------------|----------------------------------------|
| <b>Button:</b>    | Thermoplastic or anodized aluminum     |
| <b>Terminals:</b> | Tin plate over copper plate over brass |
| <b>Wire:</b>      | MIL-W-16878/4, 12 inches min, 24 AWG   |
| <b>Hardware:</b>  | None provided                          |

**AVAILABLE CIRCUITS****J2-S2 PART NUMBER CODE**

J2-S2 X XX X X XX

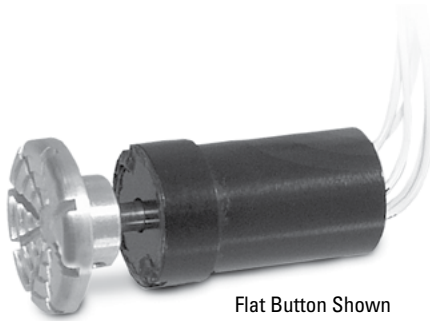
Circuit Type Electrical I/O (See Table) Termination Button Style Color

|                       |            |                      |                       |                                      |
|-----------------------|------------|----------------------|-----------------------|--------------------------------------|
| <b>A. Full Bridge</b> | <b>B1.</b> | <b>1. Wire Leads</b> | <b>A. Conical Hat</b> | <b>P1. Red Thermoplastic ①</b>       |
| <b>B. Half Bridge</b> | <b>B2.</b> | <b>2. Terminals</b>  | <b>B. Flat Button</b> | <b>P2. Black Thermoplastic ①</b>     |
| <b>C. Isolated</b>    | <b>B3.</b> |                      |                       | <b>P8. Gray Thermoplastic ①</b>      |
|                       | <b>B4.</b> |                      |                       | <b>BA. Black Anodized Aluminum ②</b> |
|                       | <b>B5.</b> |                      |                       | <b>CA. Clear Anodized Aluminum ②</b> |
|                       | <b>B6.</b> |                      |                       |                                      |
|                       | <b>B7.</b> |                      |                       |                                      |
|                       | <b>G1.</b> |                      |                       |                                      |
|                       | <b>G2.</b> |                      |                       |                                      |
|                       | <b>G3.</b> |                      |                       |                                      |
|                       | <b>G4.</b> |                      |                       |                                      |
|                       | <b>G5.</b> |                      |                       |                                      |
|                       | <b>G6.</b> |                      |                       |                                      |
|                       | <b>G7.</b> |                      |                       |                                      |

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

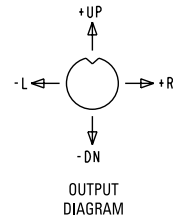
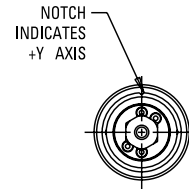
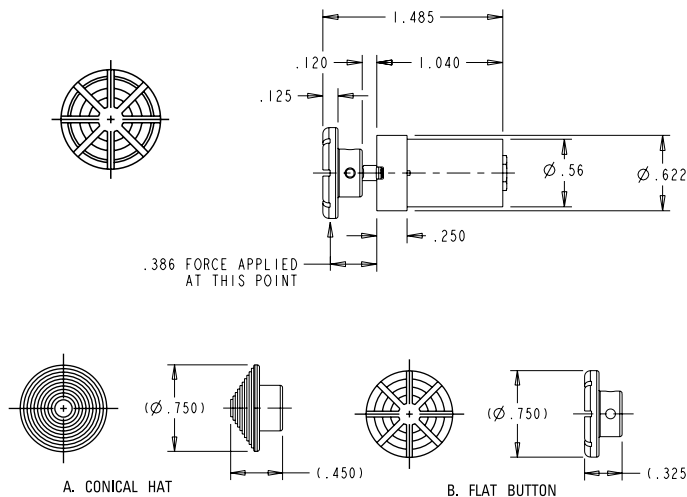
### Standard Characteristics/Ratings:

#### ELECTRICAL RATINGS:

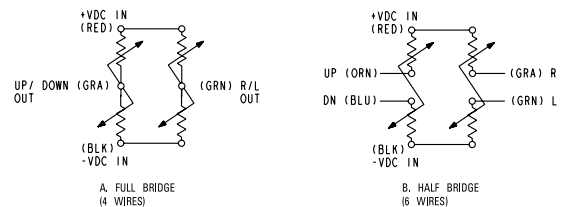
|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Insulation Resistance:        | 100MΩ min @ 50VDC                                    |
| Null Temp Coefficient:        | +/- 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<br>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 <sup>4</sup> ) |
| 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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