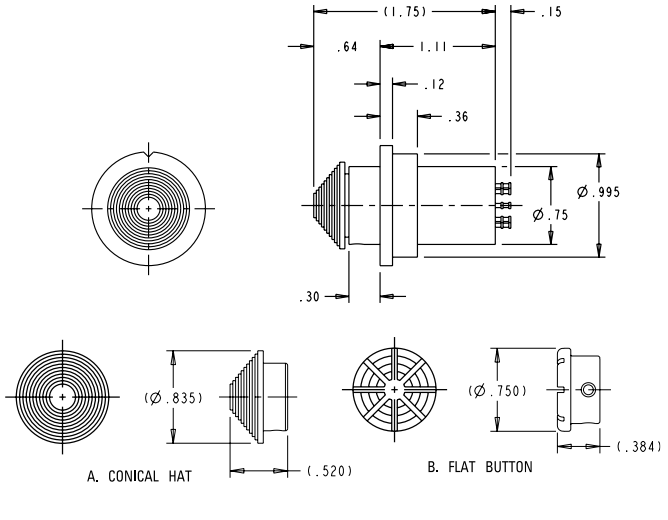
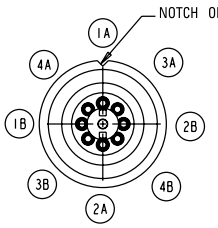
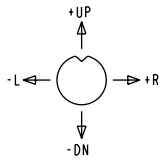
## 0.750" DIAMETER FLANGE MOUNT, SHORT TRAVEL

Conical Hat Shown

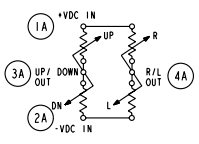
| Standard Characteristics/Ratings: | |
|---|---|
| **ELECTRICAL RATINGS:** | |
| **Insulation Resistance:** | 100MΩ min @ 50VDC |
| **Null Temp Coefficient:** | +/- 0.04% of full scale per degree C max |
| **Hysteresis:** | +/- 0.5% of full scale within 1 second after release |
| **Sensitivity Temp 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 |



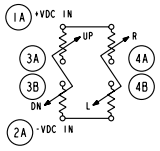



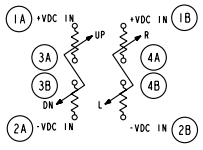

AVAILABLE CIRCUITS




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

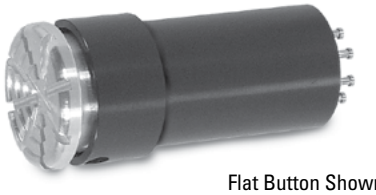
**Color**
- **P1.** Red Thermoplastic ①
- **P2.** Black Thermoplastic ①
- **P8.** Gray Thermoplastic ①
- **BA.** Black Anodized Aluminum ②
- **CA.** Clear Anodized Aluminum ②

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 |

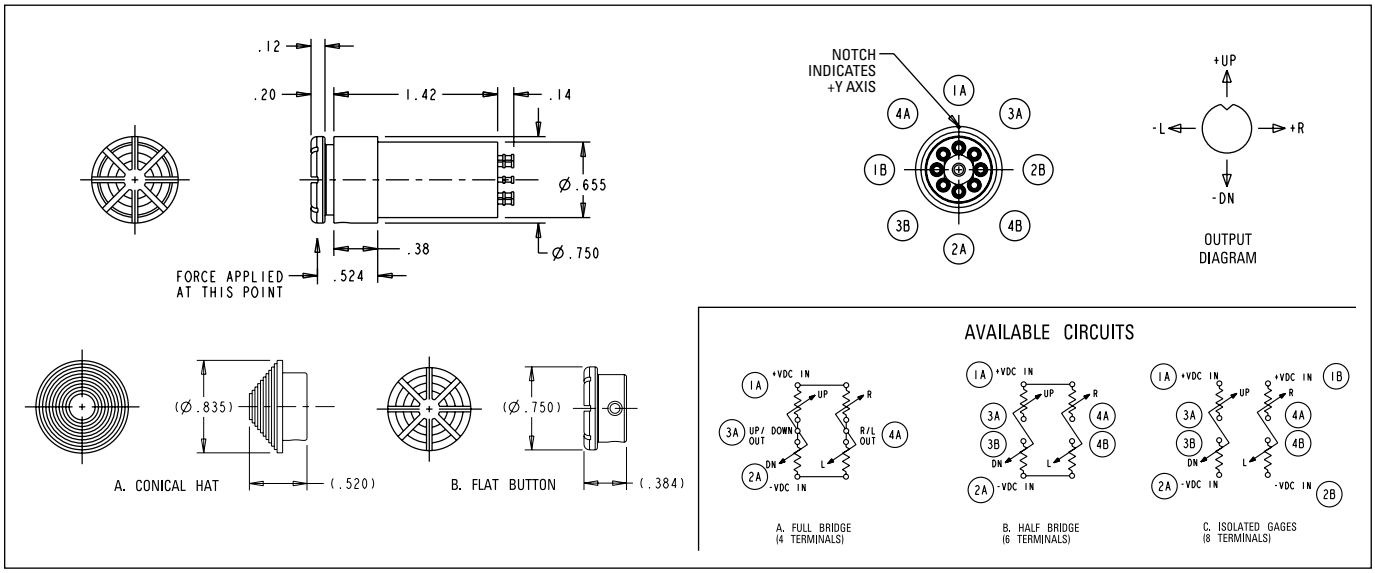
# TRANSDUCER

## 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.

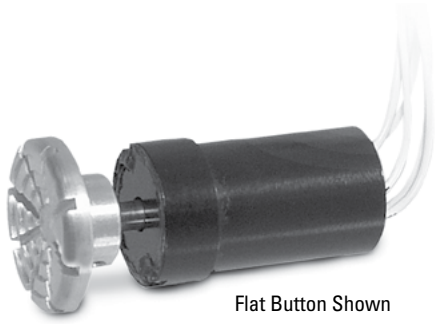
**EXCITATION VOLTAGE TABLE**

| 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 |



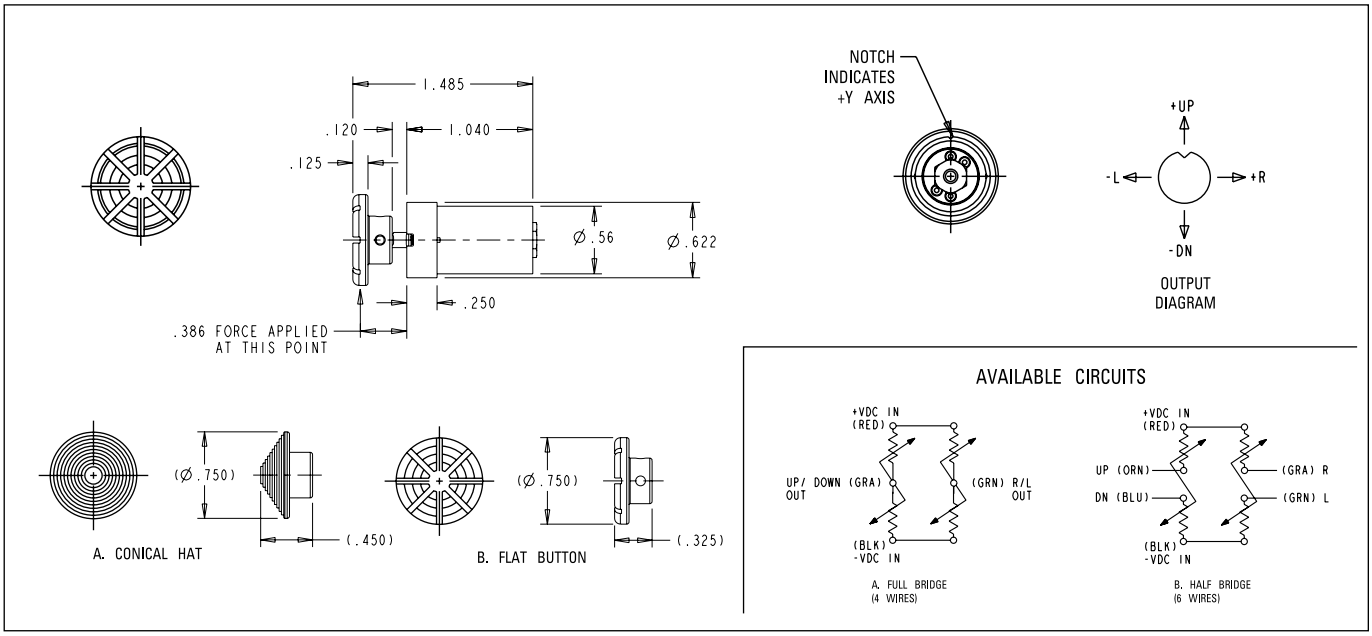
Specifications Subject To Change Without Notice

## 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 |

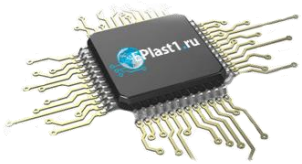
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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