



- **DC Voltage:** -300 – +300V DC
- Minimum span:** 3mV
- Zero suppression/elevation:** max. 1.5 times span
- Input resistance**

(Span) 3 – 10mV	: 10k (Ω minimum)
10 – 100mV	: 10k
0.1 – 1V	: 100k
≥1V	: 1M

■ **OUTPUT**

- **DC Current:** 0 – 20mA DC
- Minimum span:** 1mA
- Zero suppression/elevation:** max. 1.5 times span
- Load resistance:** output drive 15V maximum

4 – 20mA	: 750 (Ω maximum)
2 – 10mA	: 1500
1 – 5mA	: 3000
0 – 20mA	: 750
0 – 16mA	: 900
0 – 10mA	: 1500
0 – 1mA	: 15k

- **DC Voltage:** -10 – +12V DC
- Minimum span:** 5mV
- Zero suppression/elevation:** max. 1.5 times span
- Load resistance:** output drive 1mA maximum at ≥0.5V

0 – 10mV	: 10k (Ω minimum)
0 – 100mV	: 100k
0 – 1V	: 1000
0 – 10V	: 10k
0 – 5V	: 5000
1 – 5V	: 5000
-10 – +10V	: 10k
-5 – +5V	: 5000

**INSTALLATION**

**Power input**

- AC:** operational voltage range 85 – 264V (90 – 264V for UL); 47 – 66 Hz; approx. 3VA at 100V approx. 4VA at 200V approx. 5VA at 264V
- DC:** operational voltage range for R: 24V ±10%, R2: 11 – 27V, or P: 85 – 150V (110V ±10% for UL); ripple 10% p-p max.; approx. 3W

- Operating temperature:** -5 to +55°C (23 to 131°F)
- Operating humidity:** 30 to 90% RH (non-condensing)
- Mounting:** surface or DIN rail
- Dimensions:** W23×H76×D124 mm (0.91"×2.99"×4.88") See General Spec. Sheet Figure A-1.
- Weight:** 150 g (0.33 lbs)
- Terminal assignment:** See General Spec. Sheet Figure B-2.

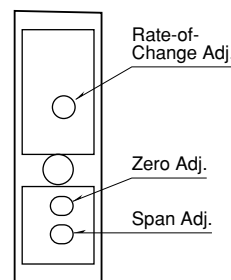
**PERFORMANCE in percentage of span**

- Accuracy:** ±0.2%
- Temp. coefficient:** ±0.015%/°C (±0.008%/°F)
- Line voltage effect:** ±0.1% over voltage range
- Insulation resistance:** ≥100MΩ with 500V DC
- Dielectric strength:** 2000V AC @1 minute (input to output to power to ground)

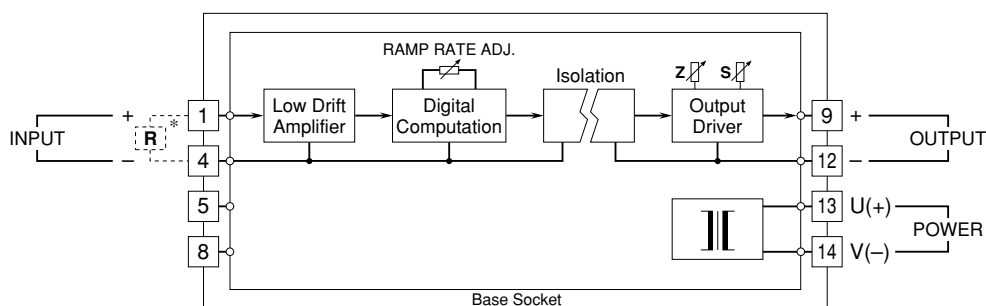
**STANDARDS & APPROVALS**

- CE conformity:** EMC Directive (89/336/EEC)
  - EMI EN61000-6-4
  - EMS EN61000-6-2
- Low Voltage Directive (73/23/EEC)
  - EN61010-1
  - Installation category II
  - Pollution degree 2
  - Max. operating voltage 300V
  - Input or output to power – Reinforced insulation
  - Input to output – Basic insulation
- Approval:** UL/C-UL nonincendive
  - Class I, Division 2, Groups A, B, C, and D (UL 1604, CAN/CSA-C22.2 No.213)
  - UL/C-UL general safety requirements (UL 3111-1, CAN/CSA-C22.2 No.1010-1)

**FRONT PANEL CONFIGURATION**



**SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM**



\*Input shunt resistor attached for current input.

Specifications subject to change without notice.