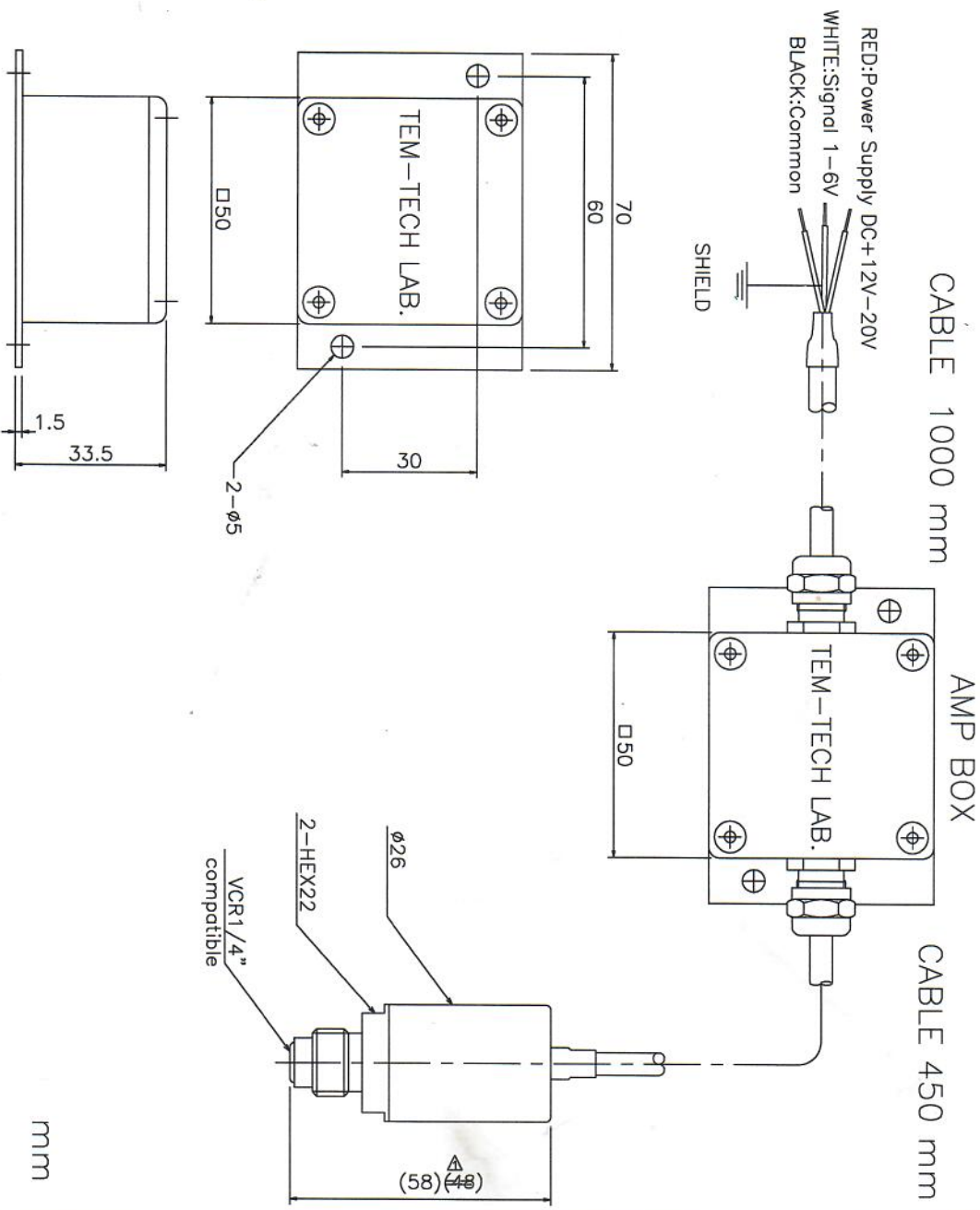


NOTES: UNLESS OTHERWISE SPECIFIED,  
TECHNICAL SPECIFICATIONS:

- 1 RANGE: 0-50 PSIA.
- 2 PHYSICAL:  
OVERLOAD: 2 X RATED RANGE WITHOUT DAMAGE: 10 X RATED RANGE WITHOUT BURNING.  
MATERIAL IN CONTACT WITH MEDIA: BRAZED ASSEMBLY OF 300 SERIES STAINLESS STEEL.  
SHOCK RESISTANCE: 50 g's PEAK (5 MILLISECONDS).  
VIBRATION RESISTANCE: MEET MIL-STD 810C, TIME SCHEDULE II, RANDOM VIBRATION TEST (OVERALL G's rms = 20.7 MIN)  
WEIGHT WITH CABLE: MAX 5 oz.  
REF: TO BE USED IN ULTRA-CLEAN APPLICATION.
- 3 ELECTRICAL:  
SPAN: 5±0.1 Vdc AT 77°F(25°C).  
EXCITATION VOLTAGE: 12 TO 20 Vdc.  
NULL OFFSET: 1.0±0.15 Vdc AT 77°F(25°C).  
SUPPLY CURRENT (NOMINAL): 15 mA.  
OUTPUT CURRENT (NOMINAL): SOURCE = 10mA, SINK = 5mA.  
REVERSE POLARITY PROTECTION: YES.  
INSULATION RESISTANCE: 1000 megohms AT 25 Vdc.  
ELECTRICAL CONNECTION: 3# SHIELDED 3--CONDUCTOR CABLE, 22-AWG WIRES.  
RFI PROTECTION: TYPICALLY LESS THAN 1% FULL SCALE OUTPUT ERROR OVER RANGE FROM 20 mhz AT FIELD STRENGTHS UP TO 10 VOLTS/METER.
- 4 PERFORMANCE:  
ACCURACY: ±1% SPAN FROM BEST FIT STRAIGHT LINE INCLUDING EFFECTS OF NON-LINEARITY, HYSTERESIS AND REPEATABILITY.  
OPERATING TEMPERATURE RANGE: -67 TO 221°F (-55 TO 105°C).  
COMPENSATED TEMPERATURE RANGE: 30 TO 185°F (-1 TO 85°C).  
REF: AS INSTALLED OPERATING RANGE: 75 TO 100°C.  
THERMAL EFFECT ON ZERO: LESS THAN ±1% SPAN, ANY 100°F(55°C) RANGE WITHIN THE COMPENSATED TEMPERATURE RANGE.  
THERMAL EFFECT ON SPAN: LESS THAN ±1%, ANY 100°F(55°C) RANGE WITHIN THE COMPENSATED TEMPERATURE RANGE.
- 5 SUGGESTED SOURCES:  
TEM-TECH Lab.  
2-7-13 TSUKUSHIMA CYUO-KU TOKYO  
104-0052  
TEL: (03)3354-5320  
FAX: (03)3354-5322  
CONTACT: Agnes Kohira



DESIGNED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

APP	REV	DSG	APP	REV	DSG	名称	TITLE	画面番号	NO.
△						TEM-TECH LAB.	三角法	9900320	
△						TEM-TECH LAB.		00.06.28.	

HYPSMV-W/016

2010.05.19 Hight dimension

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