

4

3

2

1

DE-09 connector

- 1: +12 TO +32 VDC POWER INPUT
- 2: INTERNALLY CONNECTED TO PIN 1
- 3: N/C
- 4: N/C
- 5: INPUT (4 - 20 MA PRESSURE SENDING UNIT)
- 6: EL INTERNAL LIGHTING AC INPUT
- 7: EL INTERNAL LIGHTING AC INPUT
- 8: INTERNALLY CONNECTED TO PIN 9
- 9: GROUND

REVISION HISTORY

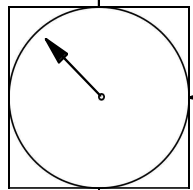
REV	MO-DA-YR	ECO NUM	APPR.	NOTES
B	07-07-01		PLM	ADDED WIRE COLOR FOR REDUCING MODULE
C	03-07-02		PLM	CORRECTED & CLAIRIFIED VOLTAGE OPTIONS
D	08-10-05		PLM	REMOVED EXTERNAL PARTS AS NEW VERSIONS HAVE INTERNAL REG.
E	2024-11-27	2024-064	KQM	REMOVED REDUNDANT PAGE & CORRECTED PIN 3

**A:** OUTPUT TO GAUGE  
**B:** +10 to +36 VDC  
**C:** NOT USED

+12 ~ 32 VDC.

MODEL 600A OR 601A E-GAUGE UNIT

V-REG



R-00

EL Light

04 MA. = 0  
 20 MA. = FULL-SCALE

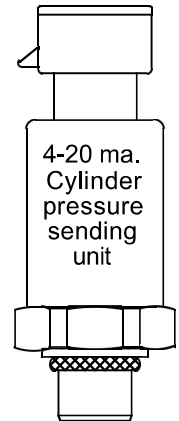
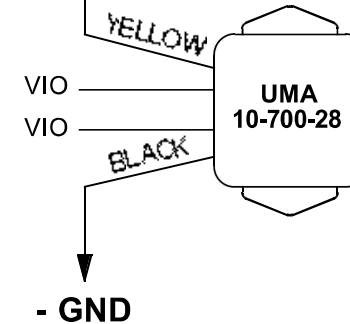
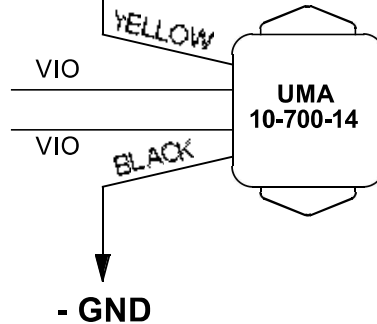
- GND

CABLE SHIELD IS RECOMMENDED IF LENGTH IS OVER 3 FEET

**NOTE:**  
 The gauge units operate with an input voltage range from +12 to +32 VDC.  
 However, the UMA E/L back-light driver module type must be selected for the operating system voltage

0 to +14 VDC  
 FROM LIGHT DIMMER

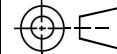
0 to +28 VDC  
 FROM LIGHT DIMMER



UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES. TOLERANCES ARE:

0.X	±0.015	ANGLES	FRACTIONS	63
0.XX	±0.010	± 0.5°	± 1/64	
0.XXX	±0.005			

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING



MOUNTAIN HIGH E&S CO. REDMOND, OR. USA

[KC] NUMBER OF KEY CHARACTERISTICS IN THIS DRAWING / DOCUMENT PER MH DOC: ESR-001

INTERPRET GD&T PER ASME 14.5

FMT REV G

ORIG.:	PLM	11-06-00	UMA Electronic O2 Pressure Gauge Electrical Configuration Insert (SCD)		
DRWN.:	PLM	11-06-00	DWG. # 0EPG6-051-000	REV E	SIZE A
ENG.:	PLM	11-06-00	INV PART NUMBER	CAT ITEM NUMBER	
APPR.:	NAME	MO-DA-YR	SHEET 1 OF 1	CUSTOMER CODE	