

NOTES & SPECIFICATIONS

REVISION HISTORY			
REV	MO-DA-YR	E. C. O. / APPR.	NOTES
-	04-22-16	PLM	INITIAL RELEASE
A	2024-11-27	KQM	FIXED CONFLICTING p/n

MFG: UMA 260 Main St. Dayton VA 22821
OEM PN: EPG-600A & EPG-601A
WEIGHT (GAUGE UNIT ONLY): EPG-600A = 178 g, (6.3 Oz.) , EPG-601A = 114 g. (4.3 Oz.)
MATERIAL LIST: High-Temp Automotive ABS, FPR, Copper Brass, Iron & Steel
METER MOVMENT: AIR-CORE Quadrature Inductive
VOLTAGE RANGE: 11.5 ~ 32 VDC @ ~ 120 ma.
GAUGE INPUT CIRCUIT: 2-wire. current-loop interface
GAUGE FULL-SCALE: 4-20 ma. (4 ma . = 0 psig., 20 ma . = 3,000 psig.)
ELECTRICAL CONNECTOR: DE-09, 9-PIN D-SUB CONNECTOR
LP ELECTRICAL LOAD: ~ 100Ω
ACCURACY: ≤ 3.5% (of span)
REPRODUCIBILITY: ≤ 1.8% (of span)
COMPENSATED TEMP RANGE: 32 ~ 120° F (0 ~ 50° C)
AMBIENT TEMP RANGE: -40 ~ 140° F (-40 ~ 60° C)
SHOCK: 15 G. per DIN EN 837 (NYQ)
VIBRATION: 10 G. per IEC 68-2 (NYQ)
ELECTRICAL PROTECTION: Protected against moderate overvoltage & short circuiting
ALTITUDE: -500 to +38,000 ft. SPA @ 27 °C

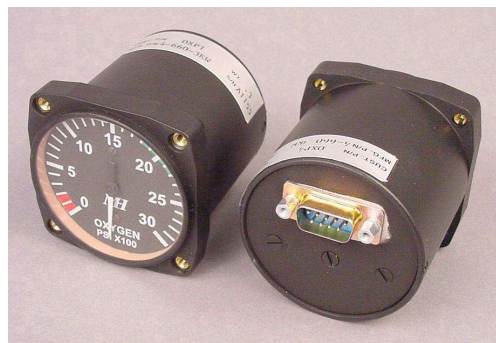
MTBF / MTTF: ~25 Years for both models @ 4-20 ma. @ 40 °C with 14VDC input

NOTE:
 Gauge needle is driven by a High-Rel air-core quadrature coil and not spring driven to zero when off. Input currents between 4 & 20 ma. drive the needle between zero and full-scale. Input currents less than 4 ma. will drive needle below zero. The gauge may show approximately the last measured pressure when the power is removed.

EPG-601-A

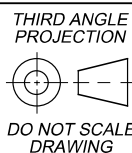


EPG-600-A



NYQ: Not Yet Qualified

EPG-600A & 601A



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

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

OXYGEN E-GAUGE, DATA SHEET (SCD)		
ORIG.:	PLM	04-22-16
DRWN.:	PLM	04-22-16
ENG.:	PLM	04-22-16
APPR.:	NAME	MO-DA-YR
DWG. # 0EPG6-051-004		REV A SIZE A
MOD.# EPG-600A/601A		ITM.# 00BLT-1072-0X
SHEET 1 OF 1		CUSTOMER CODE