# **LIQUID LEVEL GAUGES**



# SAFEGUARD SERIES LEVEL GAUGE (SHIELDED TUBULAR LIQUID LEVEL GAUGE, U.S. Patent Number 4693117)

### **APPLICATION:**

The Safeguard liquid level gauge replaces unprotected tubular glass that is mounted between tubular gauge glass valves. The packing nut on the tubular valve tightens around the metal nozzles of the Safeguard gauge, not glass! Nozzles match the O.D. of 5/8" glass or 3/4" glass. Gauge is suitable for low to medium pressure applications to 500 psig.

#### SAFETY:

Sight tube is totally enclosed on three sides by a metal frame and on the front with a Polycarbonate shield.

#### ONE PIECE ASSEMBLY:

One continuous gauge provides total visibility of the liquid level of a tank. Maximum length is 25 feet. No stacking of gauges is needed.

#### **ECONOMICAL:**

One Liquid Level Gauge per tank with a set of KENCO tubular valves gives the full view of the liquid level in the tank.

#### **EASY TO INSTALL:**

Insert the 5/8" or 3/4" metal nozzles into the existing valves. The stuffing box seals around the metal nozzle, not the glass.

### **VOLUME AND HEIGHT SHIELDS:**

The Polycarbonate shield can be supplied with various scales indicating height, calibration rate, or tank volume. Refer to page 12 to see the assortment of standard shield options.

# EPG SERIES LEVEL GAUGE (ENVIRONMENTAL PROTECTION GAUGE, U.S. Patent Number 5442959)

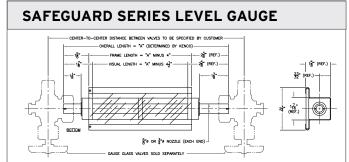
# **APPLICATION:**

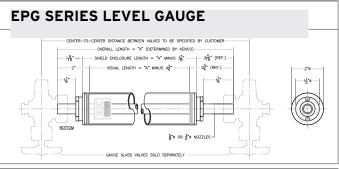
The KENCO Environmental Protection Gauge protects the glass with a 360° UV stabilized polycarbonate tube. This gauge is ideal for an outdoor environment where the gauge is exposed to the elements (i.e. hail, wind, etc.). The gauge is priced to be an economic alternative to a tubular gauge glass shrouded by expanded metal. The EPG will operate in low to medium pressure applications to 500 psig.

## **FEATURES:**

- Replaces unprotected tubular gauge glass.
- 360° visibility of fluid level.
- Red-line glass is standard for easy viewing of fluid level.
- The tubular valve packing nut tightens around 316 S.S. nozzles, not glass!
- Outer tube is high impact UV stabilized polycarbonate tubing.
- 316 S.S. nozzles available in a 5/8" O.D. or 3/4" O.D.
- Maximum overall length is 52 3/4". For longer lengths, use Safeguard Level Gauge.
- Easy to install Insert the 5/8" O.D. or 3/4" O.D. nozzles into the valves.
- Ideal for use with KENCO Tubular Valves (KTV).







ORDERING SYSTEM			
REQUESTED BY:	COI	MPANY:	
ADDRESS:	CITY:	STATE:	ZIP:
PHONE:	FAX:	EMAIL :	
SAFEGUARD SERIES LEVEL GAUGE			
Gauge Style 62=5/8" O.D. Tubular Connection 75=3/4" O.D. Tubular Connection	Center to Center Dimension (inches)	Material of Construction PC= PVC Wetted Parts w/ Carbon Steel Frame PS= PVC Wetted Parts w/ Stainless Steel Frame C=Zinc Plated Carbon Steel	Seal Material V=Fluorocarbon A=Aflas B=Buna-N T=PTFE E=Ethylene Propylene
Shield Options L=Clear Polycarbonate H=Height Scale RH=Rate Height Scale MH=Metric Height Scale MRH=Metric Rate Height Scale	Sight Tube Options** GS=5/8" O.D. Glass (STANDARD) RL=5/8" O.D. Redline Glass	A=Stainless Steel W=316 Stainless Steel Wetted Parts w/ Carbon Steel Frame  Maximum Working Pressure (PSIG)	Maximum Operating Temperature (°F)
M=Expanded Metal Guard  Steam S=Steam Application NS=Non-Steam Application	Valve Manufacturer KENCO Other (Please Specify)	Valve Manufacturers Part # KTV Other (Please Specify)	To Be Determined By KENCO Overall Length (Inches)
EPG SERIES LEVEL GAUGE			
0 1	r to Center nsion (inches)  Seal Materia V=Fluorocark A=Aflas B=Buna-N T=PTFE E=Ethylene F	oon RL=5/8" O.D. Redline Gl	Maximum Working Pressure (PSIG)  To Be Determined By KENCO
Temperature (°F) S=Stea	Steam Valve Manufact m Application KENCO n-Steam Application Other (Please S	KTV	# Overall Length (Inches)

<sup>\*\*</sup> Based on application data provided, KENCO will select the appropriate sight tube material, i.e. high pressure glass.