

SEMS

F05-0120 PMT Gain Pot Mod Kit



The SEMS PN# F05-0120 “MOD KIT”

The Problem - An Introduction

All “Series – 1” SEMS & GE Pinhole Detectors were originally designed with 15 Meg potentiometers (A09-0278), or “POTs”, that required a 1200 volt power supply. The circuits from this high voltage power supply extend the entire length of the detector, and have the potential of generating electrical “noise” which can occasionally be interpreted as false pinhole detections, leading to wasted material.

By design, all of the “POTs” work together to control the light detection circuitry. **The failure of any single “POT” totally disrupts the overall functionality of the detector.**

A typical 54” Pinhole Detector has six (6) “POTs”. Importantly, those same high-voltage “POTs” are no longer being manufactured. All supplies and inventories have been exhausted – they are now obsolete.

The Solution - The SEMS Mod Kit

Each SEMS F05-0120 Mod Kit replaces one obsolete “POT” with “**Series – IV**” integrated circuitry. Replacing all six (6) kits allows you to eliminate the dangerous and “noisy” 1200-volt power supply (B09-0168). This can be replaced with the B09-0277 +/- 12 V power supply.



These enhancements make upgrading your existing SEMS or GE Pinhole Detector a simple, economical, and sensible investment.

MOD KIT advantages -

- Mod Kits are the direct factory-replacement for the obsolete 15 Meg “POTs”
- Complete replacement allows the total elimination of the “noisy” high voltage subassemblies
- Complete replacement eliminates a major source of false pinhole detections, saving material!

Installation guide and instructions are included, or, *Sems can supply a rental chamber while the work is performed offsite at the Sems facility, while effortlessly, you continue with normal production operations.*

SEMS, INC

2901 Cascade Drive
Valparaiso, IN 46383
USA

Phone: 1-219-462-2373

Fax: 1-219-464-9949

E-mail: info@sems-inc.com