



TECHNICAL BULLETIN

HTB1147.01

CONFIGURING LED CURRENT LIMIT RESISTORS FOR MODEL SA-20TB LUBE SYSTEM INTERCONNECT BOARDS

IMPORTANT MANUFACTURING NOTE

APPLYING POWER TO P/N 1147E9XX BOARDS MAY DAMAGE LEDs IF CURRENT LIMITING RESISTORS ARE NOT PROPERLY CONFIGURED.

(KITS ARE SHIPPED FACTORY CONFIGURED FOR THE ASSEMBLIES SO NO MODIFICATION IS REQUIRED BY THE USER, BUT INDIVIDUAL COMPONENTS ARE SHIPPED WITH SHORTING JUMPERS ACROSS THE CURRENT LIMITING RESISTORS ON THE BOTTOM SIDE OF THE PCB)

CURRENT LIMITING RESISTORS #R1-R8 ON TERMINAL BOARD P/N 1147E930 ARE REQUIRED WHEN USING LEDs THAT DO NOT HAVE BUILT-IN CURRENT LIMITING RESISTORS.

THE LED DISPLAY BOARD P/N 1147E920-1.0 DOES **NOT** HAVE BUILT-IN CURRENT LIMITING RESISTORS.

PLEASE FOLLOW THE INSTRUCTIONS BELOW WHEN ASSEMBLING PRODUCTS.

TO USE THE P/N 1147E930 TERMINAL BOARD WITH LED MONITOR BOARD P/N 1147E920-1.0, OR WITH EXTERNALLY MOUNTED LEDs THAT DO NOT HAVE CURRENT LIMITING RESISTORS; ALL SHORTING JUMPERS ON THE BOTTOM SIDE OF THE PCB (ACROSS RESISTORS R1-R8) MUST BE CUT OFF.