

# MGA-KSO-1 Remote Key Switch

## Datasheet

### Machine-Guard System

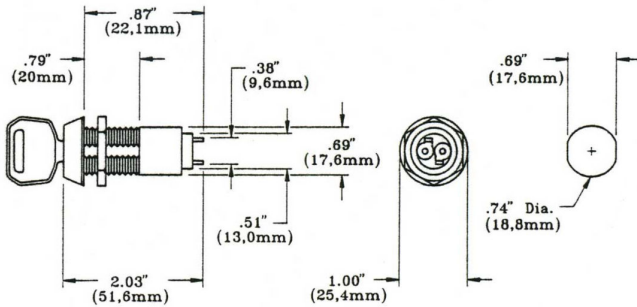


Figure 1. MGA-KSO-1 Remote Key Switch

The MGA-KSO-1 is a remote key switch for the MGCA-1 or MGCB-1 BEAM-ARRAY™ MACHINE-GUARD Control Box. It connects to the control box through a user-supplied 2-wire cable. The MGA-KSO-1 must be located at the machine being guarded by the MACHINE-GUARD System to which the key switch is wired. The mounting location must provide a clear view of the protected area.

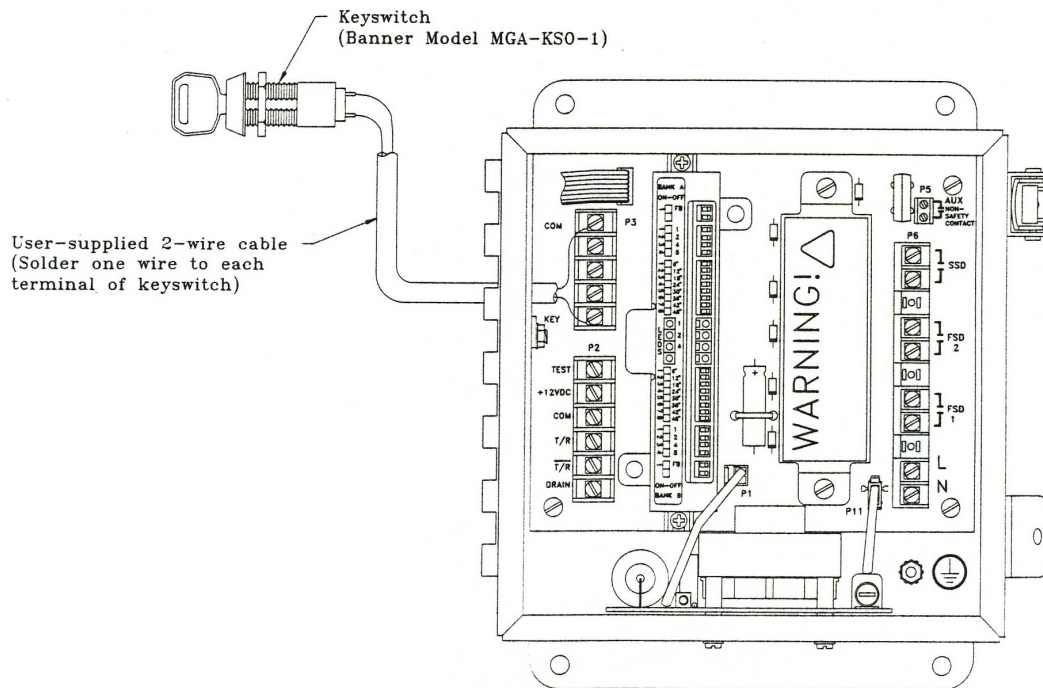
The two conductors at one end of the cable must be soldered to the terminals on the MGA-KSO-1. The two conductors at the opposite end of the cable connect to wiring barrier P3 inside the control box. It is the user's responsibility to maintain NEMA 12 sealing at the cable entry into the control box.

If a remote switch other than the MGA-KSO-1 is used, the switch must be a keyed switch. Keys to the switch must be kept by a qualified person<sup>1</sup>.



**WARNING:** Electrical shock hazard exists when the MACHINE-GUARD System has power applied to it and the control box door is open. Use extreme caution to avoid electrical shock during installation or servicing or when the control box door is open. Always disconnect all power from the MACHINE-GUARD System and the guarded machine before making any wire connections or before replacing any component.

## Wiring Diagram



<sup>1</sup> A person who, by possession of a recognized degree or certificate of professional training, or who, by extensive knowledge, training and experience, has successfully demonstrated the ability to solve problems relating to the subject matter and work.

