Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

LineSelect® Model 8085 Single Channel RJ45 Cat5e A/B Rotary Switch, with Custom Leg Lengths, No Enclosure

• *Switches all 8 pins. Allows compatibility with ALL RJ45 interfaces.*

INTRODUCTION

The Model 8085 Single Channel RJ45 Cat5e A/B Rotary Switch allows the user the capability of accessing two separate devices, ports A and B, via connection through a device connected to the Common port. **The Model 8085 is provided as a rotary switch with cabled RJ45's for installation into any custom enclosure.** No power is required for operation. Custom Leg Lengths can be ordered for customer's enclosure.
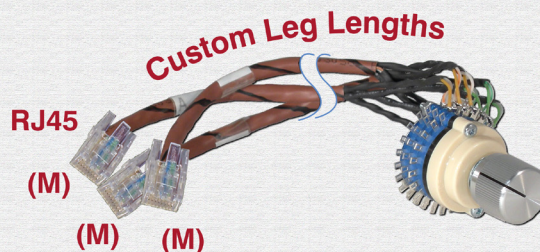
FEATURES:

• The switch ports are transparent to all data.
• All (8) pins of the RJ45 interface are switched via break-before-make rotary switch.
• No power required for operation.
• Switch and cabled RJ45's allow install into custom enclosures.
• *Leg Lengths: Custom Length - Order in "feet".*
• *Certified for Cat 5e compliance.*

COMPONENTS PROVIDED:

• **Rotary Switch with A/B/COM RJ45's –** *The switch has the RJ45's soldered and labeled appropriately. The washer and nut for installing the switch is provided on the switch.*
• **Knob –** *To be installed on the rotary switch shaft to facilitate turning the switch. (P/N 502241).*
• **Allen Wrench –** *The 1/16" Allen wrench provided for installing the knob. (P/N 507460).*

LineSelect® Model 8085
Custom leg Lengths, Order in Feet
Custom Leg Lengths
RJ45 (M) (M) (M)

SPECIFICATIONS:

PORT CONNECTORS: *(3) RJ45 male connectors labeled A, B, and COMMON.*

TWO SWITCH POSITIONS: *(1) Rotary switch selects* **COM to A***, or* **COM to B***.*

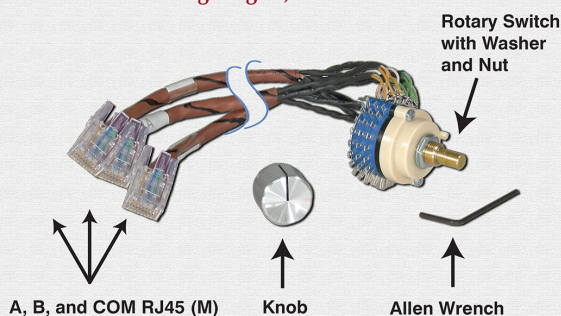**PINS SWITCHED:** *All 8 pins are switched.*

POWER: *No power required. Manually operated.*

WEIGHT: *Approximately, 0.2 lb. (0.4 kg) Weight will vary depending on the leg lengths.*
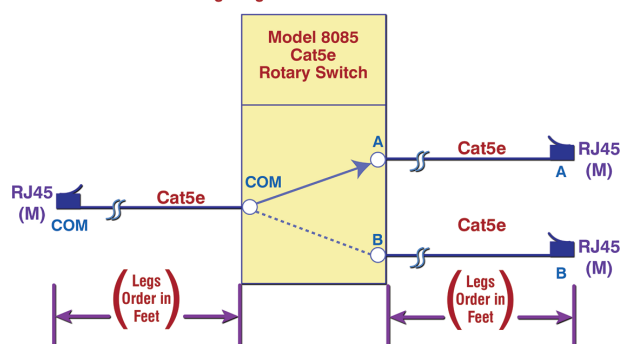
LEG LENGTHS: Order in "feet".

LineSelect® Model 8085 Components
Custom leg Lengths, Order in Feet
Rotary Switch with Washer and Nut
A, B, and COM RJ45 (M)   Knob   Allen Wrench

Custom Leg Lengths for Customer's Enclosure
Model 8085 Cat5e Rotary Switch
RJ45 (M) COM   Cat5e   COM   A   Cat5e   RJ45 A (M)
B   Cat5e   RJ45 B (M)
(Legs Order in Feet)   (Legs Order in Feet)
Model 8085 Function Diagram