

# Track Mounted Solid State Switches

## HC and HK

### Compatible and Tested for use with:

Flat-1 Cylinders, Square Flat-1 Cylinders, Flat-II Cylinders, Square Flat-II Cylinders, and Ultram Rodless Actuators (with -T option)

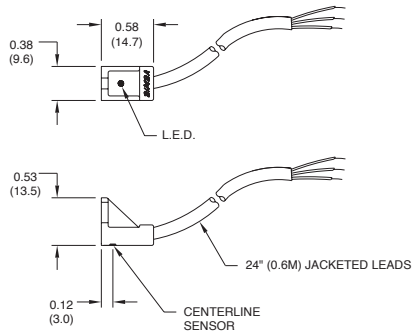


## Part Numbers

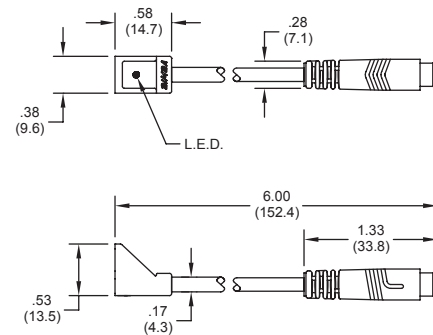
| Part Number | Description                                                                         |
|-------------|-------------------------------------------------------------------------------------|
| HC          | Sourcing Switch (PNP), LED, 30VDC, 150mA with 24" Pigtail Leads                     |
| HCQ         | Sourcing Switch (PNP), LED, 30VDC, 150mA with M8 Male Connector                     |
| HCQC        | Sourcing Switch (PNP), LED, 30VDC, 150mA with M8 Male Connector and 2m Mating Cable |
| HCQCX       | Sourcing Switch (PNP), LED, 30VDC, 150mA with M8 Male Connector and 5m Mating Cable |
| HCX         | Sourcing Switch (PNP), LED, 30VDC, 150mA with 144" Pigtail Leads                    |
| HK          | Sinking Switch (NPN), LED, 30VDC, 150mA with 24" Pigtail Leads                      |
| HKQ         | Sinking Switch (NPN), LED, 30VDC, 150mA with M8 Male Connector                      |
| HKQC        | Sinking Switch (NPN), LED, 30VDC, 150mA with M8 Male Connector and 2m Mating Cable  |
| HKQCX       | Sinking Switch (NPN), LED, 30VDC, 150mA with M8 Male Connector and 5m Mating Cable  |
| HKX         | Sinking Switch (NPN), LED, 30VDC, 150mA with 144" Pigtail Leads                     |

## Dimensions

### Track Mounted Solid State Switches HC and HK



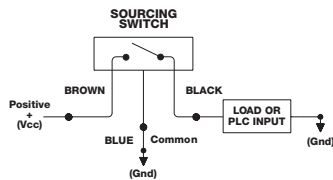
HC, HK



HCQ, HKQ

## Wiring Diagrams

### Typical Solid State Sourcing Configuration for HC Models (PNP)

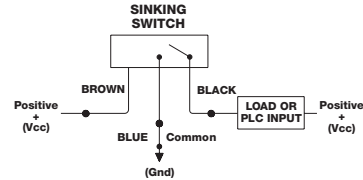


HSC, HC

Basic Circuit Layout for Programmable Logic Controllers (PLC) and Normally Off Relays and Solenoids

CAUTION: Shorting black wire to ground will damage switch

### Typical Solid State Sinking Configuration for HK Models (NPN)

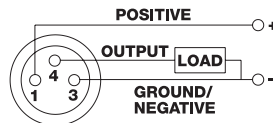


HSK, HK

Basic Circuit Layout for Programmable Logic Controllers (PLC) and Normally Off Relays and Solenoids

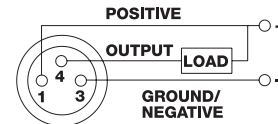
CAUTION: Shorting black wire to ground will damage switch

### 8mm Male Connector Sourcing Solid State Switch



HCQ

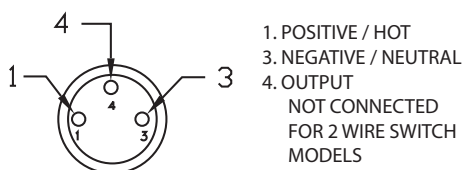
### 8mm Male Connector Sinking Solid State Switch



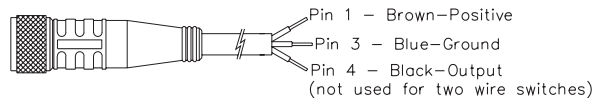
HKQ

## Pin and Wire Assignments for Quick Connect

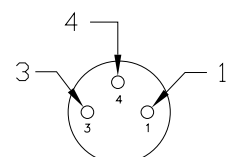
### Switch "Q" Option Male Connector Face View of M8 Male Connector



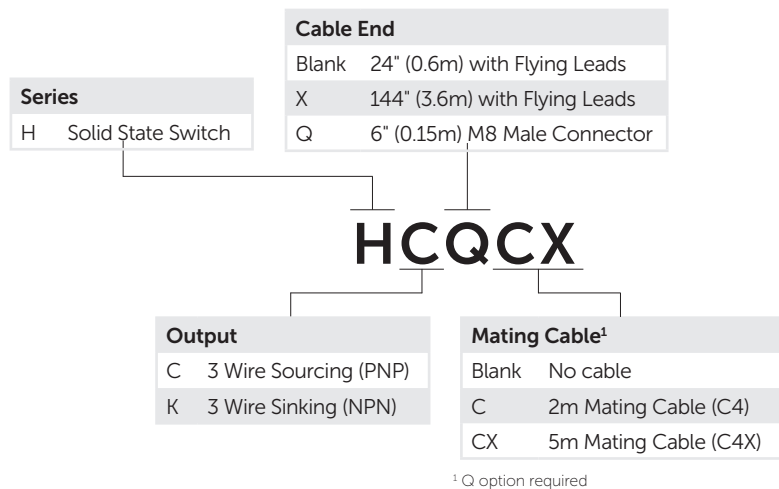
### C4 and C5 Cable Female Connector Side View of M8 Female Connector



Face View of M8 Female Connector



## H Series, Flat Actuator Track Mounted, Solid State Switches



### Compatible and Tested for use with:

- > Flat-1® Cylinders
- > Square Flat-1® Cylinders
- > Flat-II® Cylinders
- > Square Flat-II® Cylinders
- > Ultrtran® Rodless Actuators (with -T option)

