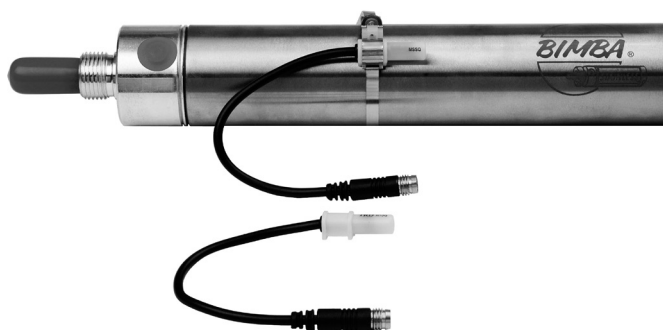


High Illumination and High Power Band Mounted Switches

MSS, R10, R10P, RAC

Compatible and Tested for use with:

Original Line Cylinders, All Stainless Original Line Cylinders, Pneu-Turn Rotary Actuators, Linear Thrusters, and Repairable Stainless Steel Cylinders



Part Numbers

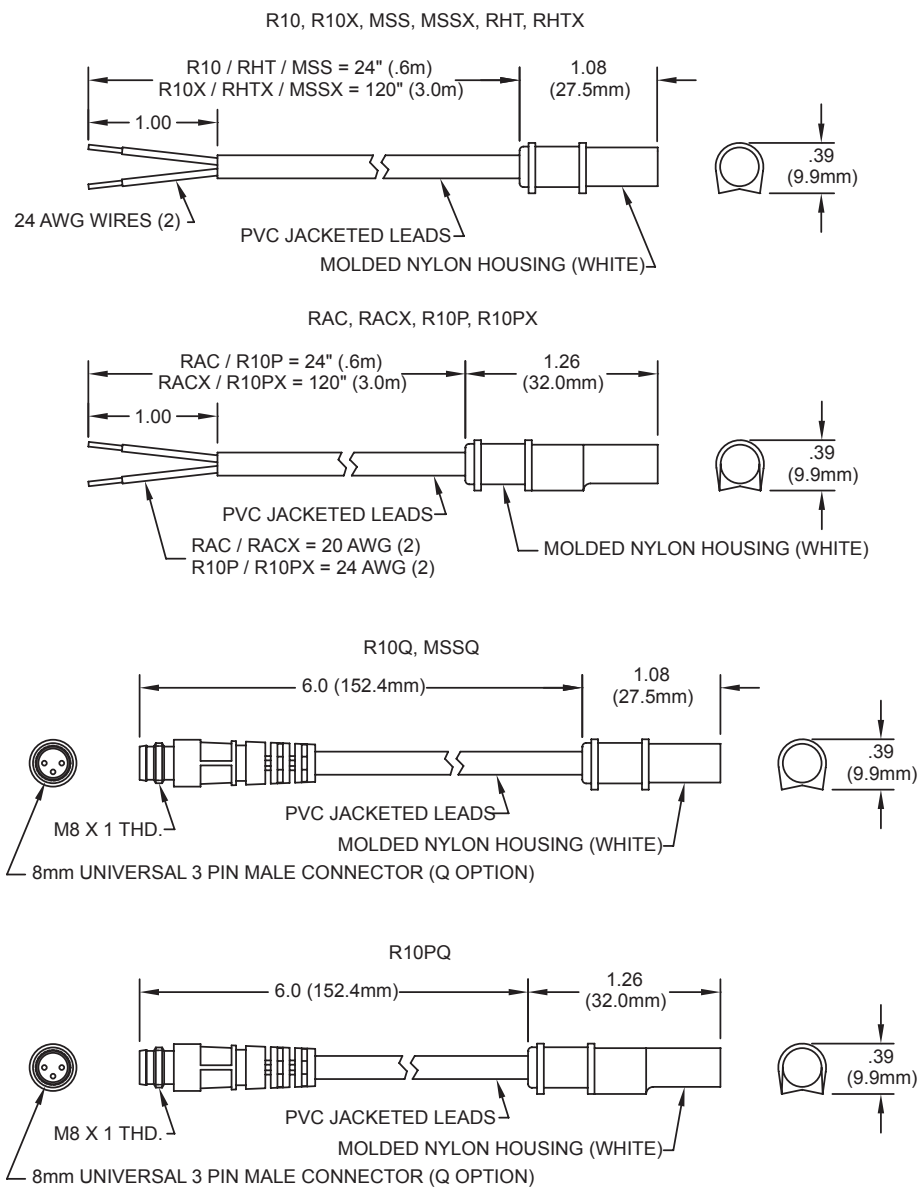
Part Number	Description
MSS	Sourcing or Sinking Switch, 2 wire, High Illumination Body, 24 VDC, 300mA, 24" Pigtail Leads
MSSQ	Sourcing or Sinking Switch, 2 wire, High Illumination Body, 24 VDC, 300mA, M8 Male Connector
MSSQC	Sourcing or Sinking Switch, 2 wire, High Illumination Body, 24 VDC, 300mA, M8 Male Connector with 2m Mating Cable
MSSQCX	Sourcing or Sinking Switch, 2 wire, High Illumination Body, 24 VDC, 300mA, M8 Male Connector with 5m Mating Cable
MSSX	Sourcing or Sinking Switch, 2 wire, High Illumination Body, 24 VDC, 300mA, 120" Pigtail Leads
R10	Reed Switch, 2 wire, High Illumination Body, 120 V, 500mA, 24" Pigtail Leads
R10Q	Reed Switch, 2 wire, High Illumination Body, 120 V, 500mA, M8 Male Connector
R10QC	Reed Switch, 2 wire, High Illumination Body, 120 V, 500mA, M8 Male Connector with 2m Mating Cable
R10QCX	Reed Switch, 2 wire, High Illumination Body, 120 V, 500mA, M8 Male Connector with 5m Mating Cable
R10X	Reed Switch, 2 wire, High Illumination Body, 120 V, 500mA, 120" Pigtail Leads
R10P	Reed Switch with Transient and Over-voltage Protection, 2 wire, High Illumination Body, 120 V, 150mA, 24" Pigtail Leads
R10PQ	Reed Switch with Transient and Over-voltage Protection, 2 wire, High Illumination Body, 120 V, 150mA, M8 Male Connector
R10PQC	Reed Switch with Transient and Over-voltage Protection, 2 wire, High Illumination Body, 120 V, 150mA, M8 Male Connector with 2m Mating Cable
R10PQCX	Reed Switch with Transient and Over-voltage Protection, 2 wire, High Illumination Body, 120 V, 150mA, M8 Male Connector with 5m Mating Cable
R10PX	Reed Switch with Transient and Over-voltage Protection, 2 wire, High Illumination Body, 120 V, 150mA, 120" Pigtail Leads
RAC	High Current Reed Switch, 2 wire, No LED, 240 V AC only, 800mA, 24" Pigtail Leads
RACX	High Current Reed Switch, 2 wire, No LED, 240 V AC only, 800mA, 120" Pigtail Leads
RHT	High Temperature Reed Switch, 2 wire, No LED, 120 V, 500 mA, 24" Pigtail Leads
RHTX	High Temperature Reed Switch, 2 wire, No LED, 120 V, 500 mA, 120" Pigtail Leads
USB25 ¹	Mounting band for cylinders up to 2-1/2" bore
USB50 ¹	Mounting band for cylinders with 2-1/2" bore up to 5" bore
USB80 ¹	Mounting band for cylinders with greater than 5" bore

¹ All switches above are band mounted, band is ordered separately.

Dimensions

High Illumination and High Power Band Mounted Switches

MSS, R10, R10P, RAC

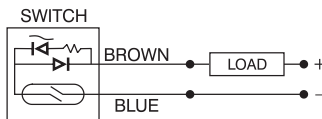


Wiring Diagrams

High Illumination and High Power Band Mounted Switches

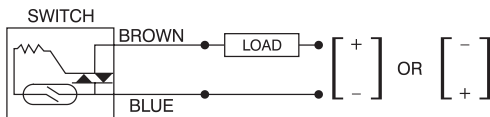
MSS, R10, R10P, RAC

R10 / R10X / RHT (No LED) / RHTX
Miniature Reed Switch, Cable Type,
(2 Wire Switch)



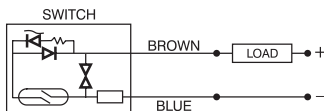
Input Voltage: 120 Volts Max. (AC or DC)
 Maximum Load Current: 500 mA Max. (Resistive)
 Operating Temperature: -20° C to 70° C

RAC / RACX
High Power AC Reed Switch, Cable Type,
(2 Wire Switch)



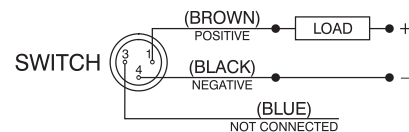
Contact Rating: 200 Watts Max.
 Input Voltage: 12 to 240 Volts (AC only)
 Minimum Load Current: 80 mA
 Maximum Load Current: 800 mA

R10P / R10PX
Miniature Reed Switch, Cable Type,
Circuit Protected (2 Wire Switch)



Input Voltage: 120 Volts Max. (AC or DC)
 Maximum Load Current: 150 mA Max.
 Operating Temperature : -20° C to 70° C
 Circuit Protection:
 Varistor: 138 Volts
 Choke: 680 µH

R10Q / R10PQ
Miniature Reed Switch, 8mm Male Quick Connect,
(2 Wire Switch)



Input Voltage: 120 Volts Max. (AC or DC)
 Maximum Load Current: 500 mA Max. (Resistive)
 Operating Temperature: -20° C to 70° C

MSS / MSSX
Miniature Solid State Switch, Cable Type,
(2 Wire Switch)



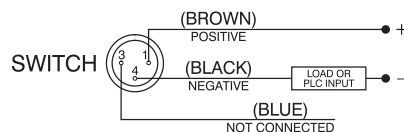
Typical Current Sourcing (PNP) Configuration



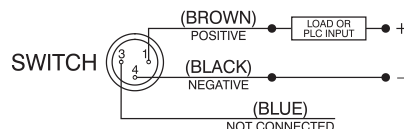
Typical Current Sinking (NPN) Configuration

Input Voltage: 10 to 30 V DC
 Minimum Load Current: 4 mA
 Maximum Load Current: 300 mA
 On Voltage Drop: 2.5 Volts @ 4 mA
 3.5 Volts @ 300 mA
 Operating Temperature: -20° C to 70° C

MSSQ
Miniature Solid State Switch, 8mm Male Quick Connect,
(2 Wire Switch)

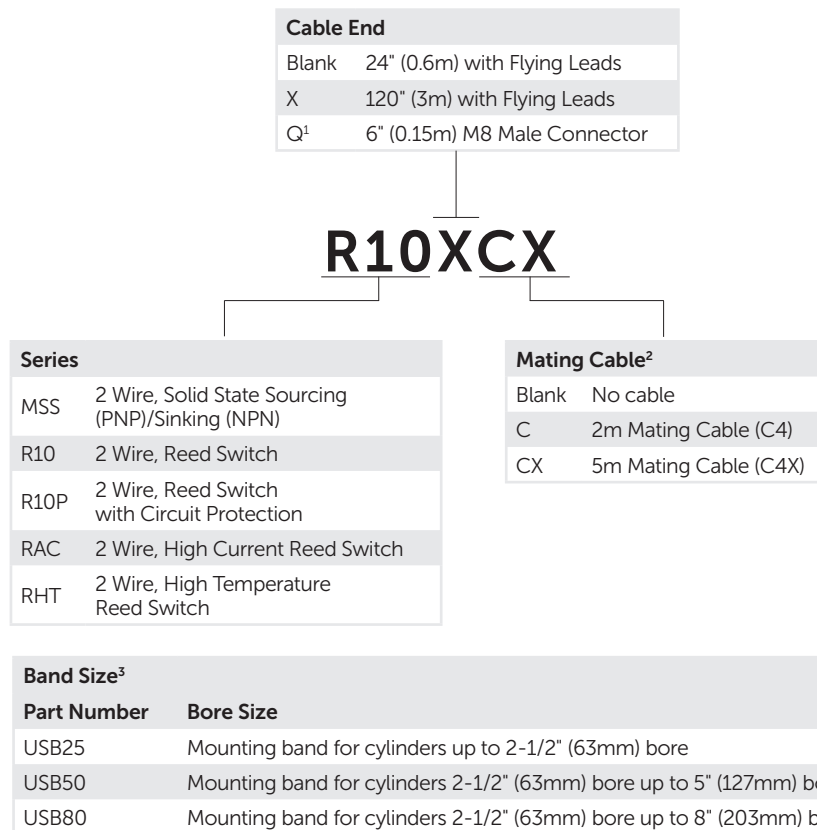


Typical Current Sourcing (PNP) Configuration



Typical Current Sinking (NPN) Configuration

R Series Band Mounted, High Illumination, Reed Switches



¹ Not available with RAC/RHT switch

² Q option required

³ All switches above are band mounted. Band is ordered separately.

Compatible and Tested for use with:

- Original Line Cylinders
- All Stainless Original Line Cylinders
- Pneu-Turn Rotary Actuators
- Linear Thrusters
- Repairable Stainless Steel Cylinders

