



EdgeSwitch™ Solid-State Switch Series

PRECISE.
RESPONSIVE.
DURABLE.



Take the guesswork out of finding the right switch for your cylinder with Bimba's **EdgeSwitch™** Solid-State Switch Series. Designed to directly replace Reed Switches, **EdgeSwitch™** features no moving parts for a longer, higher-performing lifespan. And every **EdgeSwitch™** comes pre-tested for use with Bimba actuators—giving you a one-stop source for everything actuation.

BENEFITS:

- **Improved performance:** **EdgeSwitch™** switches have only one detection zone compared to reed switches, which have multiple detection zones, reducing false triggers each cycle.
- **Smaller operating window and hysteresis:** **EdgeSwitch™** triggers more precisely, leading to better edge detection, positioning, and more precise on/off timing than reed switches.
- **Improved magnetic sensing reliability** compared to a reed switch
- **Higher repeatability** than reed switches
- **The same 4mm c-slot body** as Bimba reed switches for direct compatibility
- **17mm body**
- **90-degree wire:** Won't impede the position of an adjacent switch, allowing for more switches in a single track



ALL SWITCHES ARE PRE-TESTED FOR USE WITH:

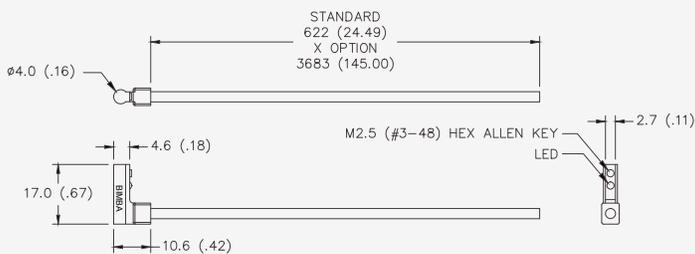
- + Original Line Cylinders (-T option required)
- + Pneu-Turn Rotary Actuators
- + Linear Thrusters (-T option required)
- + Extruded Flat
- + Twin Bore
- + Extruded Flat Lift Table
- + Narrow Profile Air Table
- + Low Profile Air Table
- + Twist Clamp
- + PneuMoment
- + Stopper Cylinders
- + ISO 6432

NEW!

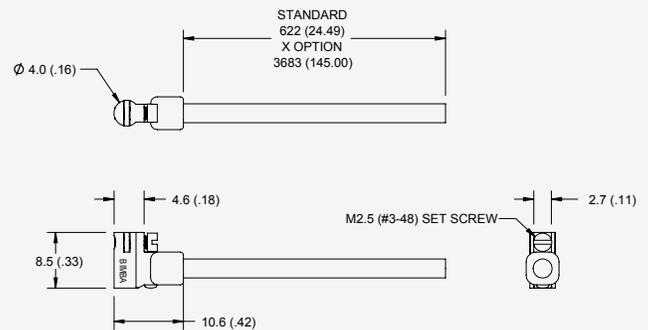
BIMBA'S MINI 4MM ROUND (C-SLOT TRACK MOUNTED SWITCH FAMILY – NOW AVAILABLE IN 90° MODELS!
MHF-90, MDF-90, MR-90, MS-90, MSC-90 and MSK-90

PART NUMBER	DESCRIPTION
MDF	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 24" Pigtail Leads
MDF-90	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 24" Pigtail Leads, 90° version
MDFQ	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector
MDFQ-90	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector, 90° version
MDFQC	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector and 2m Mating Cable
MDFQC-90	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector and 2m Mating Cable, 90° version
MDFQCX	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector and 5m Mating Cable
MDFQCX-90	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Connector and 5m Mating Cable, 90° version
MDFX	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 144" Pigtail Leads
MDFX-90	EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 144" Pigtail Leads, 90° version
MHF-90	Mini EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 24" Pigtail Leads, 90° version
MHFX-90	Mini EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, 144" Pigtail Leads, 90° version
MHFQS-90	Mini EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Swivel Connector, 90° version
MHFQCS-90	Mini EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Swivel Connector and 2m Mating Cable, 90° version
MHFQCS-90	Mini EdgeSwitch™ 2-wire, Solid-State Type, LED, 10-28VDC, 50mA, with M8 Male Swivel Connector and 5m Mating Cable, 90° version
MHC-90	Mini EdgeSwitch™ Sourcing Switch (PNP), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, 24" Pigtail Leads, 90° version
MHCX-90	Mini EdgeSwitch™ Sourcing Switch (PNP), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, 144" Pigtail Leads, 90° version
MHCQS-90	Mini EdgeSwitch™ Sourcing Switch (PNP), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector, 90° version
MHCQCS-90	Mini EdgeSwitch™ Sourcing Switch (PNP), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector and 2m Mating Cable, 90° version
MHCQCS-90	Mini EdgeSwitch™ Sourcing Switch (PNP), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector and 5m Mating Cable, 90° version
MHK-90	Mini EdgeSwitch™ Sinking Switch (NPN), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, 24" Pigtail Leads, 90° version
MHKX-90	Mini EdgeSwitch™ Sinking Switch (NPN), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, 144" Pigtail Leads, 90° version
MHKQS-90	Mini EdgeSwitch™ Sinking Switch (NPN), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector, 90° version
MHKQCS-90	Mini EdgeSwitch™ Sinking Switch (NPN), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector and 2m Mating Cable, 90° version
MHKQCS-90	Mini EdgeSwitch™ Sinking Switch (NPN), 3-wire, Solid-State Type, LED, 5-28VDC, 50mA, with M8 Male Swivel Connector and 5m Mating Cable, 90° version

MDF-90:



MHF-90:



We Make Things Move™



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 YOUR NEEDS.