

# Contact Switches with Stoppers

Bolt

For Mechanical / Electrical Specifications and Precautions for Use, P2095

**Bolt (IP40)**

RoHS

The cartridge (back side) can be removed.  
Force must be applied normal to the switch. (Declination within ±3°)

**MSTB-B**  
**MSTB**

(M6)

**N-MSTB-BD** (With LED)  
**N-MSTB-D** (With LED)

(M8, 10, 12)

Tip of Contact	Stopper	Main Body	Cable	Accessory
M Material   H Hardness	M Material   H Hardness	M Material		
SUS420   45~50HRC	SUS420   45~50HRC	SUS416F	Cable 2m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs.* Toothed Washer 1 pc.

\* Coarse JIS3 Class, Fine M6: Thickness 3.2, Hex Socket 8, Fine M8 Thickness 3.2 (Ø1.0, Thickness 3) Hex Socket 10, Fine M12 Thickness 4.5 Hex Socket 17

Part Number	Type	No.	MxP	Stroke	Operating Point	Contact Force	Allowable Static Load	Max. Impact Energy	Contact Logic	B	C	MSTB-B, MSTB		N-MSTB-BD, N-MSTB-D								
												Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate							
<b>MSTB-B</b> <b>N-MSTB-BD</b>		6	6x1.0 (Coarse)	0.7±0.2	Center Vicinity (Repeatability 0.01)	1N	5000N	0.4J	NO (Normally Closed)	5	11.5	1 ~ 9 pc(s).	10~20	1 ~ 9 pc(s).	10~20							
	6S	6x0.75 (Fine)																				
<b>MSTB</b> <b>N-MSTB-D</b>		6	6x1.0 (Coarse)																			
	6S	6x0.75 (Fine)																				
	8	8x1.25 (Coarse)																				
	8S	8x0.75 (Fine)																				
	8K	8x1.0 (Fine)																				
	10	10x1.5 (Coarse)																				
	12K	12x1.0 (Fine)																				

Ordering Example Part Number **MSTB-B6**

# Contact Switches with Stoppers

Hex Head / One-Signal (Deceleration)

For Mechanical / Electrical Specifications and Precautions for Use, P2095

**Hex Head (IP40)**

RoHS

The cartridge (back side) can be removed.  
Force must be applied normal to the switch. (Declination within ±3°)

**MSTBB**

(M6)

**N-MSTBB-D** (With LED)

(M8)

Tip of Contact	Stopper	Main Body	Cable	Accessory
M Material   H Hardness	M Material   H Hardness	M Material		
SUS420   45~50HRC	SUS420   45~50HRC	SUS303	Cable 2m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs.* Toothed Washer 1 pc.

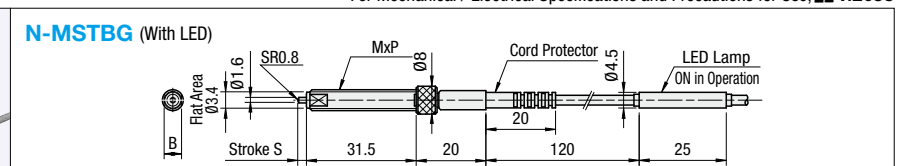
\* Coarse JIS3 Class, Fine M8 Thickness 3.2 Hex Socket 10, Fine M12 Thickness 4.5 Hex Socket 17

Part Number	Type	No.	MxP	Stroke	Operating Point	Contact Force	Allowable Static Load	Max. Impact Energy	Contact Logic	B	C	MSTBB		N-MSTBB-D	
												Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
<b>MSTBB</b> <b>N-MSTBB-D</b>		6	6x1.0 (Coarse)	0.7±0.2	Center Vicinity (Repeatability 0.01)	1N	5000N	0.4J	NO (Normally Open)	10	15	1 ~ 9 pc(s).	10~20	1 ~ 9 pc(s).	10~20
	8	8x1.25 (Coarse)													
	8K	8x1.0 (Fine)													

**One-Signal (Deceleration) (IP40)**



Force must be applied normal to the switch. (Declination within ±1°)



Use within the contact ratings.  
Do not pull or twist the cable with 30N or more.

Tip of Contact	Stopper	Main Body	Cable	Accessory
M Material   H Hardness	M Material   H Hardness	M Material		
SUS420   45~50HRC	SUS420   45~50HRC	SUS416F	Cable 2m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs.* Toothed Washer 1 pc.

\* Coarse JIS3 Class, Thickness 4.5 Hex Socket 17

Part Number	Type	No.	MxP	Stroke S	Operating Point	Repeatability	Contact Force	Allowable Static Load	Max. Impact Energy	Contact Logic	B	Unit Price	Volume Discount Rate
<b>N-MSTBG</b>		6	6x1 (Coarse)	2.5	0.3 ~ 0.4 from Tip	0.01	1N	5000N	0.4J	NO (Normally Open)	5	1 ~ 9 pc(s).	10~20

Ordering Example Part Number **N-MSTBB-D6**  
**N-MSTBG6**

