

High Accuracy Positioning Switches

Bolt / Tip Shape Selectable / Flat

⚠ Do not use in environments where coolant or dust from machining may fall on the product. The silicon (rubber) boots may be damaged.

For Mechanical / Electrical Specifications and Precautions for Use, **P2095**

Bolt (IP67)

3mm Stroke **MSTK MSTKL** (With LED)
10mm Stroke **N-MSTK-D N-MSTKL-D** (With LED)

Contact Part		Main Body		Cable		Accessory	
M	H	M	S				
Material	Hardness	Material	Surface Treatment				
Carbide	1300~1600HV	SUS303	Clear Anodize	Cable 3m, 2-Conductors Ø5, Oil Resistant Min. Bending Radius R7		Hex Nut 2 pcs. (Thickness 3 Hex Socket 13)	

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

Part Number	Contact Logic	Stroke S	Operating Point	Repeatability	Contact Force N	L1	L2	l	MSTK•MSTKL		N-MSTK(L)-D	
									Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MSTK	NC	3	No Pre-Travel	0.0005	1	15	23.2	18.2	1 ~ 9 pc(s)	10~20	1 ~ 9 pc(s)	10~20
N-MSTK-D	NO		0.2									
MSTKL	NC	10	No Pre-Travel	0.0005	1	26	31	26	1 ~ 9 pc(s)	10~20	1 ~ 9 pc(s)	10~20
N-MSTKL-D	NO		0.2									

For orders larger than indicated quantity, please check with WOS.

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Shape Selectable (IP67)

3mm Stroke **MSTA MSTAL** (With LED)
10mm Stroke **N-MSTA-D N-MSTAL-D** (With LED)

Tip Shape Selection

F (Carbide Flat Type) **N** (Carbide Needle Type)

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

Contact Part		Main Body		Cable		Accessory	
M	H	M	S				
Material	Hardness	Material	Surface Treatment				
Carbide	1300~1600HV	SUS303	Clear Anodize	Cable 3m, 2-Conductors Ø5, Oil Resistant Min. Bending Radius R7		Hex Nut 2 pcs. (Thickness 3 Hex Socket 13)	

Part Number	Contact Logic	Stroke S	Operating Point	Repeatability	Contact Force N	L1	L2	l	MSTA(L)		N-MSTA(L)-D	
									Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MSTA	NC	3	No Pre-Travel	0.0005	1	20.5	23.2	18.2	1 ~ 9 pc(s)	10~20	1 ~ 9 pc(s)	10~20
N-MSTA-D	NO		0.2									
MSTAL	NC	10	No Pre-Travel	0.0005	1	31.5	40	23	1 ~ 9 pc(s)	10~20	1 ~ 9 pc(s)	10~20
N-MSTAL-D	NO		0.2									

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Flat (IP67)

MSTTNA-A **MSTTNA-B**

Contact Part		Main Body		Cable	
M	H	M	S		
Material	Hardness	Material	Surface Treatment		
Carbide	1300~1600HV	Aluminum	Clear Anodize	Cable 3m, 2-Conductors Ø5, Oil Resistant Min. Bending Radius R7	

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

Part Number	Contact Logic	Stroke S	Operating Point	Contact Force N	d	Unit Price	Volume Discount Rate
MSTTNA-A	NC	3	No Pre-Travel	1.5	M4	1 ~ 9 pc(s)	10~20
MSTTNA-B			(Repeatability 0.0005)		Ø4.6		

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Ordering Example	Part Number	Contact Logic
	MSTK	NC
	N-MSTA-DF	NC
	MSTTNA-A	NC

