Positioning Switches

Bolt Type / Bolt Type Long Stroke / L-Shaped Bolt

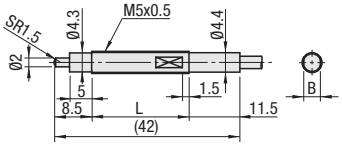
For Mechanical / Electrical Specifications and Precautions for Use, see P.2159.

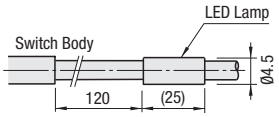
■Bolt Type (IP65)

RoHS 10

MSTKD-JL **N-MSTKD-JDL** (with LEDs)

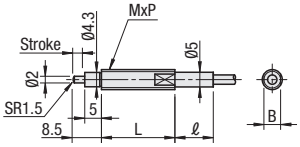
(M5)

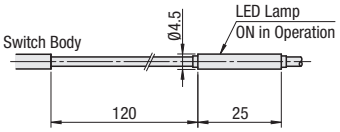




MSTKD-B **N-MSTKD-BD** (with LEDs) **MSTKD-BF** **N-MSTKD-BFD** (with LEDs) **MSTKD-BB** **N-MSTKD-BBD** (with LEDs) **N-MSTKD-ED** (with LEDs)

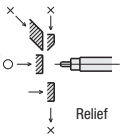
(M6, 8)





⚠ Straightly hold a detected object against the tip of switch. (Declination within ±3°)

⚠ Use under DC24V/10mA or less.



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

Contact Part		Main Body	Cable	Accessory
M Material	H Hardness	M Material		
SUS420	45~50HRC	SUS303	2-Conductor Cable 3m, Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs. · M5: Thickness 2.4, Hex Size 7 · M6: Thickness 3.2, Hex Size 8 · M8: Thickness 3.2, Hex Size 10

Part Number	MxP (Fine)	Stroke	Operating Point	Contact Force N	Contact Logic	L	ℓ	B	MSTKD-JL, B, BF, BB Unit Price 1~9 pc(s).	MSTKD-JL, B, BF, BB Volume Discount Rate 10~20	N-MSTKD-JDL, BD, BFD, BBD, ED Unit Price 1~9 pc(s).	N-MSTKD-JDL, BD, BFD, BBD, ED Volume Discount Rate 10~20
MSTKD-JL N-MSTKD-JDL	M5x0.5	2.8	0.3 from Tip (Repeatability 0.005)	1	NO (Normally Open)	22	-	4.4				
MSTKD-B N-MSTKD-BD	M6x0.75			0.5		22	11.5	5				
MSTKD-BF N-MSTKD-BFD												
MSTKD-BB N-MSTKD-BBD				1	NC (Normally Closed)	22	11.5					
N-MSTKD-ED	M8x0.75				NO (Normally Open)	22	11.5	7				

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

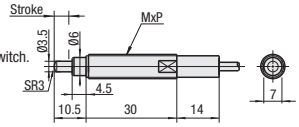
For Mechanical / Electrical Specifications and Precautions for Use, see P.2159.

■Long Stroke Type (IP65)

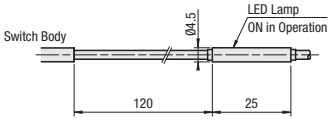
RoHS 10

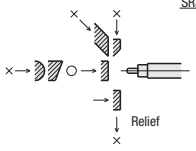
MSTKD-EL **N-MSTKD-ELD** (with LEDs)

⚠ Straightly hold a detected object against the tip of switch. (Declination within ±3°)



⚠ Use under DC24V/10mA or less.





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

Contact Part		Thread	Cable	Accessory
M Material	H Hardness	M Material		
SUS420	45~50HRC	SUS303	2-Conductor Cable 3m, Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs. (Thickness 3.2, Hex Size 10)

Part Number	MxP (Fine)	Stroke	Operating Point	Contact Force N	Contact Logic	MSTKD-EL Unit Price 1~9 pc(s).	MSTKD-EL Volume Discount Rate 10~19	N-MSTKD-ELD Unit Price 1~9 pc(s).	N-MSTKD-ELD Volume Discount Rate 10~20
MSTKD-EL N-MSTKD-ELD	8x0.75	5	0.3 from Tip (Repeatability 0.005)	1	NO (Normally Open)				

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

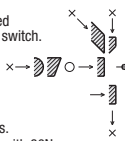
For Mechanical / Electrical Specifications and Precautions for Use, see P.2159.

■L-Shaped Bolt (IP65)

RoHS 10

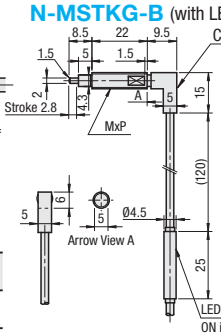
⚠ Straightly hold a detected object against the tip of switch. (Declination within ±3°)

⚠ Use under DC24V/10mA or less.

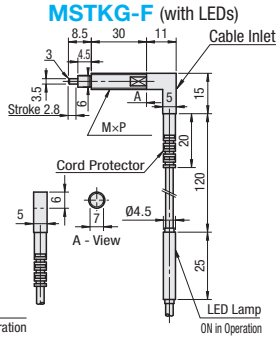


- Use within the contact ratings.
- Do not pull or twist the cable with 30N or more.
- Be careful not to apply bending or twisting force to the cable inlet.

N-MSTKG-B (with LEDs)



MSTKG-F (with LEDs)



Contact Part		Main Body	Cable	Accessory
M Material	H Hardness	M Material		
SUS420	45~50HRC	SUS303	2-Conductor Cable 3m, Ø3, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs. (M6: Thickness 3.2, Hex Size 8; M8: Thickness 3.2, Hex Size 10)

Part Number	MxP (Fine)	Stroke	Operating Point	Contact Force N	Contact Logic	Unit Price 1~9 pc(s).	Volume Discount Rate 10~20
N-MSTKG-B	M6x0.75	2.8	0.3 from Tip (Repeatability 0.005)	1	NO (Normally Open)		
MSTKG-F	M8x0.75						

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

Ordering Example — Part Number: MSTKD-JL, MSTKD-EL, MSTKG-F