

Contact Switches

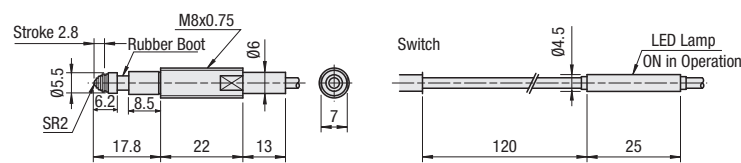
Waterproof / Wide Contact Angle

Removed Cable Protectors from MSTKD-ND to allow the product being more compact.

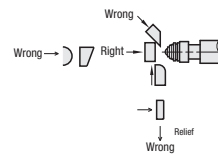
For Mechanical / Electrical Specifications and Precautions for Use, refer to P.2188.



MSTKD-ND With LED



Force must be applied normal to the switch. (Declination within $\pm 3^\circ$)
Use within the contact ratings.
Do not pull or twist the cable with a force of 30N or more.
Note that cable inlets should avoid the bending or twisting force.



Contact Part		Thread	Cable	Accessories
Material	Hardness	Material		
440C Stainless Steel	50-55 HRC min.	303 Stainless Steel	Cord 3 m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nuts 2 pcs. (Thickness 3.2 Wrench Size 10)

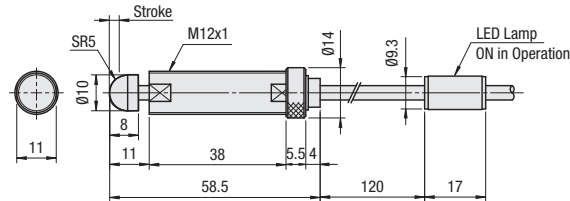
Part Number	Stroke	Operating Point	Contact Force N	Contact Mechanism
MSTKD-ND	2.8	0.3 from Tip (Repeatability 0.005)	1	NO (Normally Open)

Feature: Force can be applied from any angle with the ball bearing in the tip.

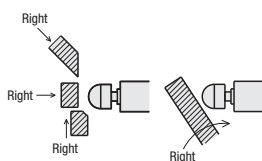
For Mechanical / Electrical Specifications and Precautions for Use, refer to P.2188.



N-MSTKE With LED



Use within the contact ratings.
Do not pull or twist the cable with a force of 30N or more.
Suitable for detecting sliding objects, rotating objects, offset or pivoting objects.



Contact Part		Thread	Cable	Accessories
Material	Hardness	Material		
440C Stainless Steel	50-55 HRC min.	303 Stainless Steel	Cable 2m, 2-Conductors Ø4, Oil Resistant Min. Bending Radius R7	Hex Nut 2 pcs. M12: Thickness 3, Hex Socket 17

Part Number	Stroke	Operating Point	Contact Force N	Contact Mechanism
N-MSTKE	2.8	0.3 from Tip (Repeatability 0.005)	1.5	NO (Normally Open)



Part Number Alterations

Part Number
MSTKD-FB
N-MSTKD-FDB

Positioning Switches

Configurable Tip / Plastic Tip

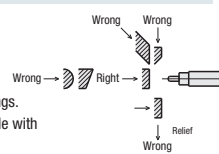
Removed Cable Protectors from MSTKD-F, N-MSTKD-FD to allow the product being more compact.

For Mechanical / Electrical Specifications and Precautions for Use, refer to P.2188.

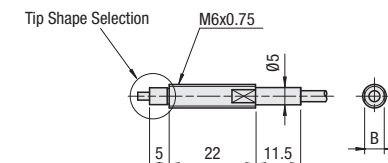


RoHS 10

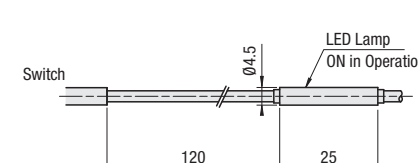
Force must be applied normal to the switch. (Declination within $\pm 3^\circ$)
Use within the contact ratings.
Do not pull or twist the cable with a force of 30N or more.



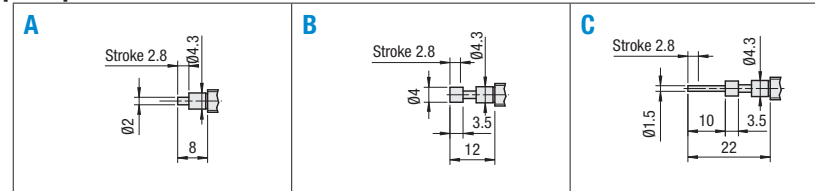
MSTKD-F



N-MSTKD-FD with LED



Tip Shapes

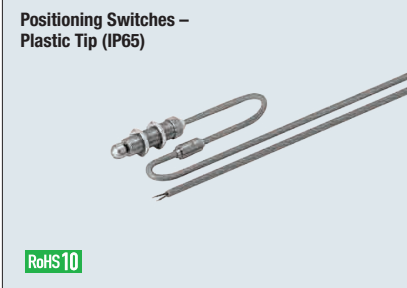


Contact Part		Thread	Cable	Accessories
Material	Hardness	Material		
420 Stainless Steel	45-50 HRC min.	303 Stainless Steel	Cord 3m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nuts 2 pcs. M6: Thickness 3.2, Wrench Size 8-M8: Thickness 3.2, Wrench Size 10

Part Number		Stroke	Operating Point	Contact Force N	Contact Mechanism	B
Type	Tip Shapes					
MSTKD-F	A	2.8	from Tip 0.3	1	NO (Normally Open)	5
N-MSTKD-FD	B					
	C					

Feature: The plastic tip is suitable for detection without causing damages to target objects.

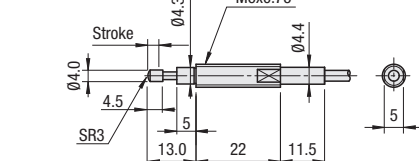
Removed Cable Protectors from MSTKD-F, N-MSTKD-FD to allow the product being more compact.



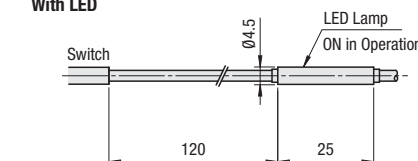
RoHS 10

Force must be applied normal to the switch. (Declination within $\pm 3^\circ$)
Stroke will be reduced as the plastic tips wear.

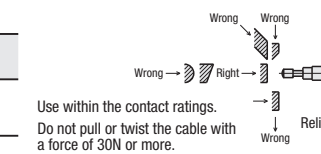
MSTKD-BR



N-MSTKD-BRD With LED



Material	Main Body Material	Cable	Accessories
Polyacetal	303 Stainless Steel	Cord 3m, 2-Conductors Ø3, Oil Resistant Min. Bending Radius R7	Hex Nuts 2 pcs. (Thickness 3.2 Wrench Size 8)



Part Number	Stroke	Operating Point	Contact Force N	Contact Mechanism
MSTKD-BR	2.8	0.3 from Tip	1	NO (Normally Open)
N-MSTKD-BRD				



Part Number Alterations

Part Number
MSTKD-ND
N-MSTKD-BRD