
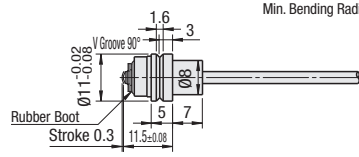

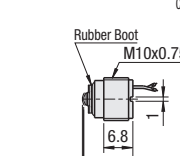
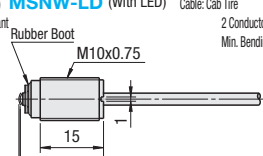

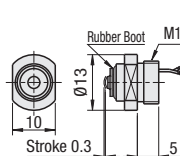
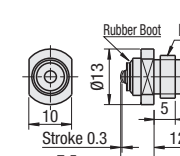
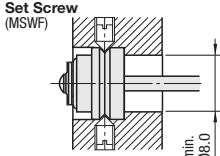


⚠ Although this is a water-resisting type, it is not suited for use in environment in which coolant or dust from cutting may fall on the product. For Mechanical / Electrical Specifications and Precautions for Use, **P.2095**

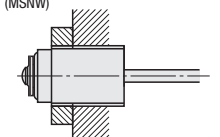
<p>Waterproof (IP67), Flanged Cylinder</p>  <p>RoHS 10</p>	<p>MSWF-LD (With LED) Cable: Cab Tire 2 Conductors - Ø3, L 2m, Oil Resistant Min. Bending Radius 7R</p>  <p>M Material: Main Body SUS416F (45HRC) Contact Part SUS420 (50HRC)</p>
<p>Waterproof (IP67), Screw</p>  <p>RoHS 10</p>	<p>MSNW-SD (With LED) Cable: Loose Wire (No Thermal Compression Tube) 2 Conductors - Ø0.6, L 0.5m Oil Resistant</p>  <p>MSNW-L (With LED) Cable: Cab Tire 2 Conductors - Ø3, L 2m, Oil Resistant Min. Bending Radius 7R</p>  <p>A Accessory (MSNW-L, LD only): Hex Nut 2 pcs. (Thickness 3, Hex Socket 13) Toothed Washer 1 pc. M Material: Main Body SUS416F (45HRC) Contact Part SUS420 (50HRC)</p>
<p>Waterproof (IP67), Flanged Screw</p>  <p>RoHS 10</p>	<p>MSNWF-S (With LED) Cable: Loose Wire (No Thermal Compression Tube) 2 Conductors - Ø0.6, L 0.5m Oil Resistant</p>  <p>MSNWF-L (With LED) Cable: Cab Tire 2 Conductors - Ø3, L 2m, Oil Resistant Min. Bending Radius 7R</p>  <p>M Material: Main Body SUS416F (45HRC) Contact Part SUS420 (50HRC)</p>

EX Example

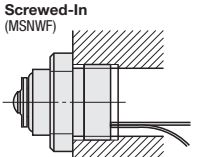


Set Screw (MSWF)

Double Nut Tightened (MSNW)

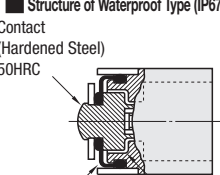


Screwed-In (MSNWF)



Structure of Waterproof Type (IP67)

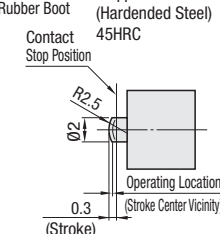
Contact (Hardened Steel) 50HRC



Rubber Boot

Stopper Surface (Hardened Steel) 45HRC

Contact Stop Position



Operating Location (Stroke Center Vicinity)

0.3 (Stroke)

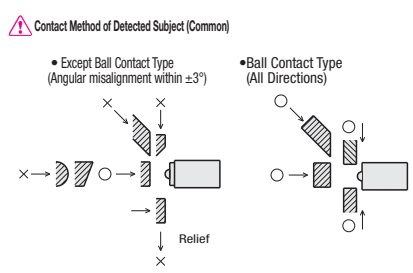
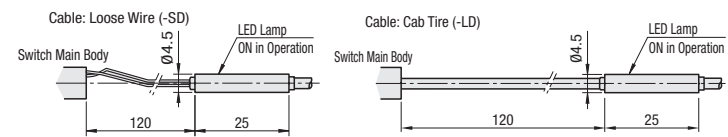
Part Number Type	Stroke	Operating Point	Contact Force	Allowable Static Load	Max. Impact Energy	Contact Logic	-S		-SD		-L		-LD	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MSWF	0.3	Center Vicinity (Repeatability 0.01)	1N	3000N	0.2J	NO (Normally Open)	1 - 9 pc(s)	10 - 20	1 - 9 pc(s)	10 - 20	1 - 9 pc(s)	10 - 20	1 - 9 pc(s)	10 - 20
MSNW							-	-	-	-	-	-	-	
MSNWF							-	-	-	-	-	-	-	-

Ordering Example

Part Number

MSTW-SD
MSTF-L
MSN-S
MSNF-L
MSPM-LD
MSNW-L
MSNWF-S

(Common to "with LED" Type)



- Use within the contact ratings.
- Do not pull or twist the loose wires with 15N or more. Also do not pull or twist the cable tire cords with 30N or more.