

High-accuracy MT-Touch Sensor



2 tasks with 1 device !!

- **Housing a high-accuracy built-in switch in a ball plunger**

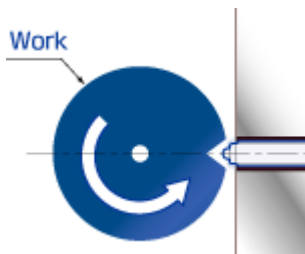
BP series

Housing a high-accuracy built-in switch in a ball plunger

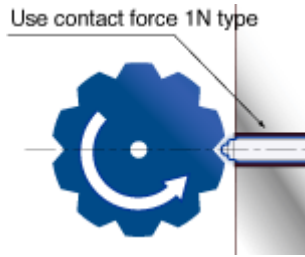
Can be used for indexing and positioning of a rotating object, and confirmation signal.

Applications

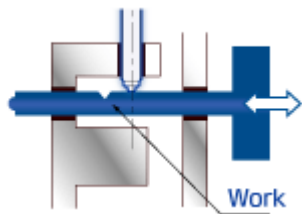
- **Indexing output**



- **Sliding objects,
stop position signal**



- **Detecting unevenness of rotating objects.**



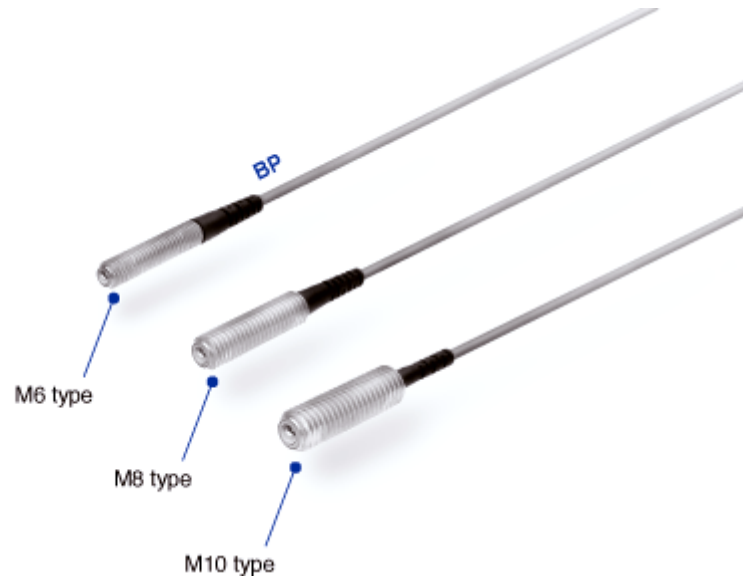
Specification

Output mode	A : Normally open / B : Normally close
Repeatability	0.01mm
Protective structure	IP40 / IP47
Contact life time (Spring)	3 million
Contact rating	DC+5V~DC+24V 20mA (MAX) Resistance load



Lineup

Unit : mm



Indexing check

Product name	Output mode	Protective structure	Contact force	Size	Length
BP060A	A:NO	IP40	min.6N max.13N	M6	▬▬▬
BP060B	B:NC	IP40	min.6N max.13N	M6	▬▬▬
BP080A	A:NO	IP40	min.8N max.16N	M8	▬▬▬▬
BP080B	B:NC	IP40	min.8N max.16N	M8	▬▬▬▬
BP100A	A:NO	IP40	min.10N max.20N	M10	▬▬▬▬▬
BP100B	B:NC	IP40	min.10N max.20N	M10	▬▬▬▬▬
BPP065A	A:NO	IP47	min.6N max.13N	M6×0.5	▬▬▬▬▬
BPP065B	B:NC	IP47	min.6N max.13N	M6×0.5	▬▬▬▬▬
BPP080A	A:NO	IP47	min.8N max.16N	M8	▬▬▬▬▬▬
BPP080B	B:NC	IP47	min.8N max.16N	M8	▬▬▬▬▬▬
BPP100A	A:NO	IP47	min.10N max.20N	M10	▬▬▬▬▬▬▬
BPP100B	B:NC	IP47	min.10N max.20N	M10	▬▬▬▬▬▬▬

Sliding touch

Product name	Output mode	Protective structure	Contact force	Size	Length
BP060A-F	A:NO	IP40	1N	M6	▬▬▬
BP060B-F	B:NC	IP40	1N	M6	▬▬▬
BP080A-F	A:NO	IP40	1N	M8	▬▬▬▬
BP080B-F	B:NC	IP40	1N	M8	▬▬▬▬
BP100A-F	A:NO	IP40	1N	M10	▬▬▬▬▬
BP100B-F	B:NC	IP40	1N	M10	▬▬▬▬▬
BPP065A-F	A:NO	IP47	1N	M6×0.5	▬▬▬▬▬
BPP065B-F	B:NC	IP47	1N	M6×0.5	▬▬▬▬▬
BPP080A-F	A:NO	IP47	1N	M8	▬▬▬▬▬▬
BPP080B-F	B:NC	IP47	1N	M8	▬▬▬▬▬▬
BPP100A-F	A:NO	IP47	1N	M10	▬▬▬▬▬▬▬
BPP100B-F	B:NC	IP47	1N	M10	▬▬▬▬▬▬▬



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