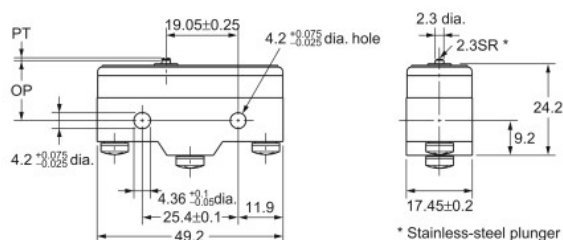


Dimensions and Operating Characteristics

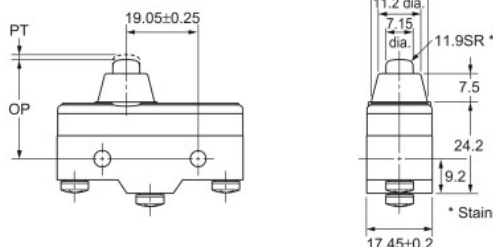
The models, illustrations, and graphics are for screw-terminal models. (The dimensions for models that are omitted here are the same as for pin-plunger models.)

Pin Plunger A-20G-B



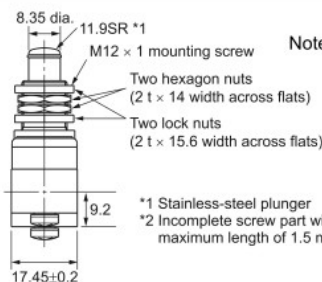
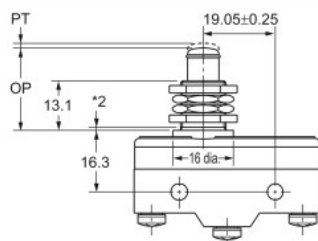
* Stainless-steel plunger

Short Spring Plunger A-20GD-B



* Stainless-steel plunger

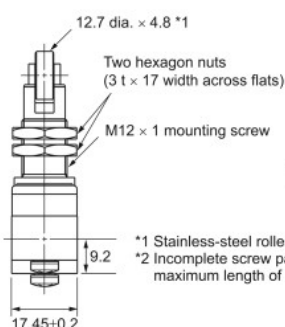
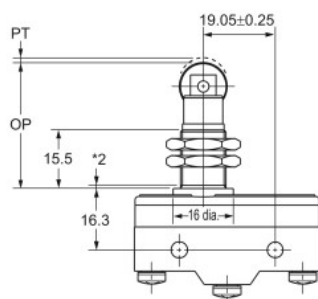
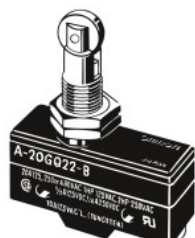
Panel Mount Plunger A-20GQ-B



Note: Do not use both M12 mounting screw and mounting holes at the same time.

*1 Stainless-steel plunger
*2 Incomplete screw part with a maximum length of 1.5 mm.

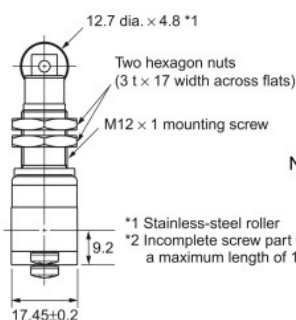
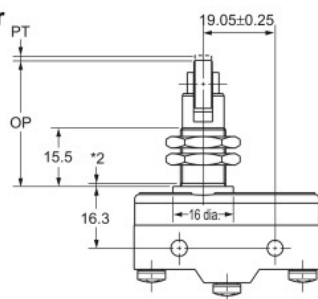
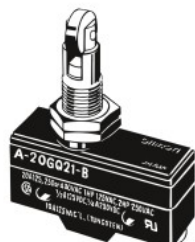
Panel Mount Roller Plunger A-20GQ22-B



Note: Do not use both M12 mounting screw and mounting holes at the same time.

*1 Stainless-steel roller
*2 Incomplete screw part with a maximum length of 1.5 mm.

Panel Mount Cross Roller Plunger A-20GQ21-B



Note: Do not use both M12 mounting screw and mounting holes at the same time.

*1 Stainless-steel roller
*2 Incomplete screw part with a maximum length of 1.5 mm.

Note: Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

Operating Characteristics	Model	A-20G-B	A-20GD-B	A-20GQ-B	A-20GQ22-B	A-20GQ21-B
Operating force	OF	3.92 to 6.13 N	3.92 to 6.13 N	3.92 to 6.13 N	6.18 N max.	6.18 N max.
Release force	RF min.	2.79 N	2.79 N	2.79 N	2.75 N	2.75 N
Pretravel	PT max.	1.3 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm
Over Travel	OT min.	0.25 mm	3 mm	5.6 mm	3.58 mm	3.58 mm
Movement differential	MD max.	0.2 mm	0.2 mm	0.2 mm	0.35 mm	0.35 mm
Operating Position	OP	16.3±0.4 mm	26.2±0.5 mm	21.8±0.8 mm	33.4±1.2 mm	33.4±1.2 mm