

LIMIT SWITCH

Features

- High precision and metal die-casting body.
- Easy to wire connection construction
- High mechanical strength
- Dust-proof construction



Specifications

Item	Standard
Rating	5A 250VAC / 125 VAC
Contact Resistance	25mΩ max. (initial)
Insulation Resistance	100MΩ min. (at 500VDC)
Dielectric Strength	1,000VAC,50/60Hz for 1 minute
Service Life Mechanically:	1,000,000 operations min.
Service Life Electrically	100,000 operations min.

Product Selection

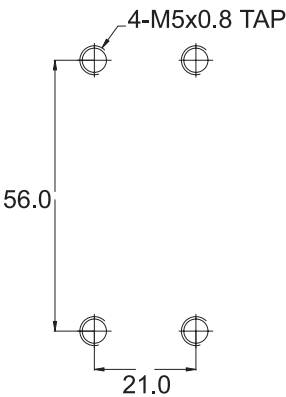
AH□

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1. HEAD AND ACTUATOR

- 8111: Push plunger type
- 8112: Roller plunger type
- 8122: Roller plunger type anger 90°
- 8104: Roller arm type
- 8107: Rod lever type
- 8108: Adjustable roller arm type (standard roller)
- 8166: Themoplastic end flexible rod type
- 8169: Cat whisker type
- 9101: Wobble opening

Mounting Hole



Contact Configuration



HIGHLY

C5

Design, specifications are subject to change without notice.

LIMIT SWITCH

Operating Characteristics

Unit: mm

Item

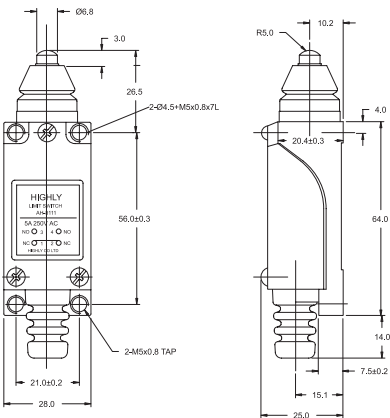
Operating Characteristics

Dimensions

AH8111



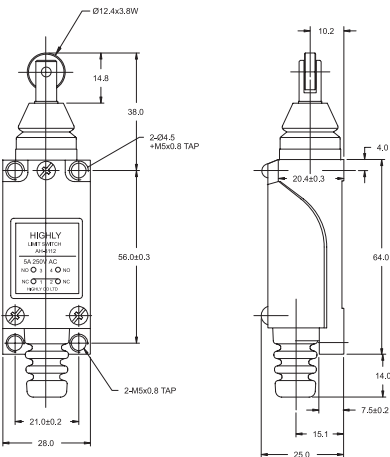
OF max.	900g
RF min.	150g
PT max.	1.5 mm
MD max.	0.7 mm
OT min.	4 mm
TT min.	5.5 mm



AH8112



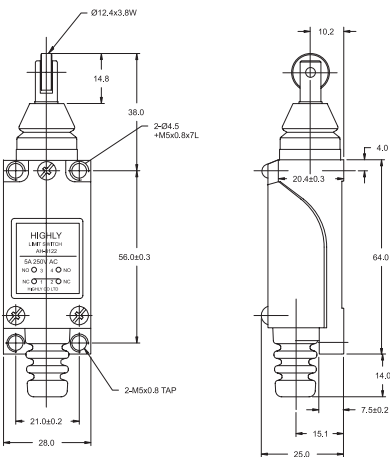
OF max.	900g
RF min.	150g
PT max.	1.5 mm
MD max.	0.7 mm
OT min.	4 mm
TT min.	5.5 mm



AH8122



OF max.	900g
RF min.	150g
PT max.	1.5 mm
MD max.	0.7 mm
OT min.	4 mm
TT min.	5.5 mm



LIMIT SWITCH

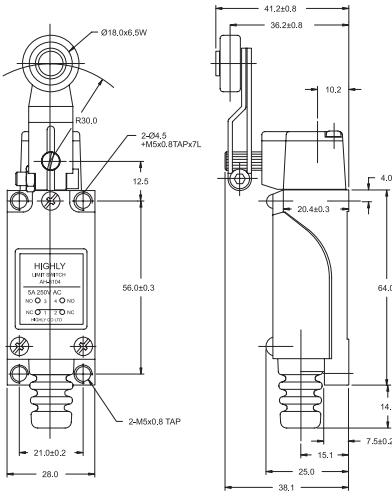
Operating Characteristics

Unit: mm

Item	Operating Characteristics	Dimensions
AH8104		



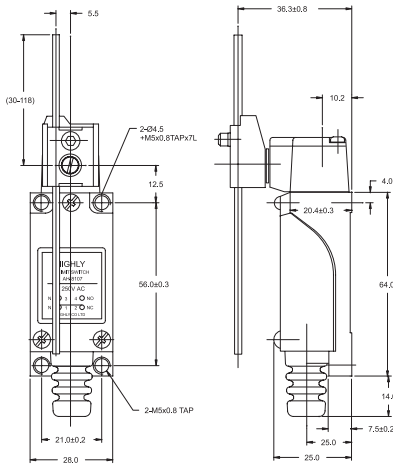
OF max.	600g
RF min.	50g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



AH8107



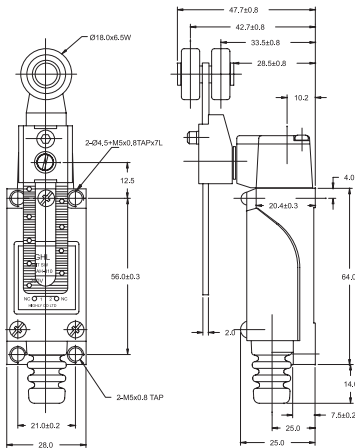
OF	800-230g
RF	50-12g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



AH8108



OF	800-342g
RF	50-12g
PT max.	20°
MD max.	10°
OT min.	75°
TT min.	95°



LIMIT SWITCH

Operating Characteristics

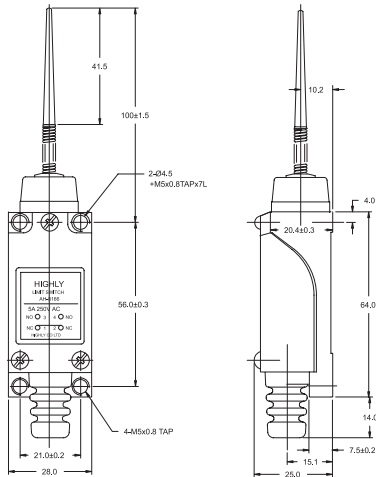
Unit: mm

Item	Operating Characteristics	Dimensions
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AH8166



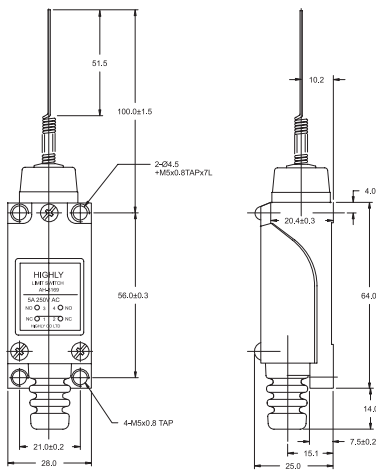
OF max.	900g
RF min.	--
PT max.	30 mm
MD max.	--
OT min.	20 mm
TT min.	50 mm



AH8169



OF max.	900g
RF min.	--
PT max.	30 mm
MD max.	--
OT min.	20 mm
TT min.	50 mm



AH9101



OF max.	900g
RF min.	--
PT max.	30 mm
MD max.	--
OT min.	20 mm
TT min.	50 mm

