SLP5130 Series



PRODUCT SPECIFICATION

SLP5130 Series

Materials Body, Cover-Diecast Al, Forging BRASS
Bolt & Nut, Spring Rod-Stainless Steel
Roller-POM(AL, RL), STS304(RP)

Standard Housing color MUNSELL No. N5.0

- Excellent stability by strong airtightness with the structure of using no adhesive
- Strong returning system with double springs enables the product to maintain its steady operating even after long switch-on.
- Built-in Anti-freezing micro switch, cold resistant grease and silicon packing realize better low-temperature resistance(IECEx compliant product)
- Product of strong anti-corrosion by using stainless(STS) bolts and nuts.
- Suitable for places such as petrochemical plant, gunpower plant oil tanker and explosion.
- Protection Class

  ATEX - Ⓔx II 2G Ex db IIC T6 Gb

  Ⓔx II 2D Ex tb IIIC T85°C Db

  IECEx - Ex db IIC T6 Gb/Ex tb IIIC T85°C Db, IP66

  KCs - Ex d IIC T6 IP66/ Ex tD IP66 A21 T85°C

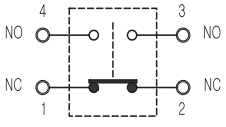
  (Standard type,Cold-proof type)

  Ex d IIC T4 IP66/ Ex tD IP66 A21 T135°C(Heat-resisting type)
- Certificate: IECEx, ATEX(SLP5130-AL, RL, R, RP, P, SW)

  KCs(SLP5130-AL, RL, R, RP, P, SW, CR, H)

※ The basic specifications are KCs certified products. Please inquire separately for IECEx and ATEX certified products.

Circuit & Electrical Rating



2CKT-DB(2 differential circuit pair)

- 10A - 125V
- 6A - 250V
- 0.8A - 125VDC
- 0.4A - 125VDC

※Please refer to [Ratings and Circuit Configuration] in this catalogue for the rated voltage of each load.



Specifications

Protection Grade		IP66
Mechanical Life		Over 2 million operations
lectrical Life		Over 0.2 million operations
Allowable Operating Cycle	**Mechanical**	120 Operations per minute max.
	Electrical	30 Operations per minute max.
Insulation Resistance		100MΩ min. at 500V DC
Initial Resistance		50MΩ max.
Dielectric Strength	**Between Non-continuous Terminal**	1,000VAC, 50 to 60Hz for 1 minute
	Between Each Terminal and Non-conducting Metal Part	2,000VAC, 50 to 60Hz for 1 minute
Shock Resistance	**Destruction**	Approx. 1,000m/s^2(100G)
	Malfunction	Approx. 250m/s^2(25G)
Vibration Resistance		10 to 55Hz 1.5mm double amplitude(Double Amplitude)
Allowable Operating Temperature Range		-25°C to +70°C -40°C to +40°C (Cold-Resistant Type) +50°C to +120°C (Heat-Resistant Type) -55°C to +65°C (IECEx/ATEX explosion-proof certified product)
Ambient Humidity Range		45 to 85% RH
Certificates		IECEx ATEX KCs

SLP5130 Series

SLP5130 Series Specifications

(Units: mm)

Appearance	Detailed Specifications	Technical Diagram

·SLP5130-RL Roller Lever
·SLP5130-RL-CR
·SLP5130-RL-H

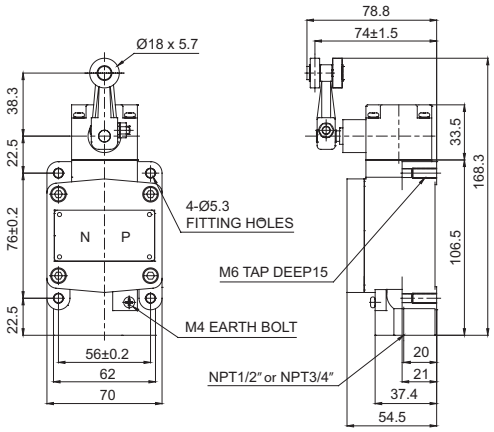


· Operating Characteristics

OF max.g	1,300
RF min.g	210
PT	25° ±5°
MD max	10°
TT min	70°

· Weight

SLP5130 - RL	Abt. 0.77kg
SLP5130 - RL (BRASS)	Abt. 2.23kg



·SLP5130-AL Adjustable Roller Lever
·SLP5130-AL-CR
·SLP5130-AL-H

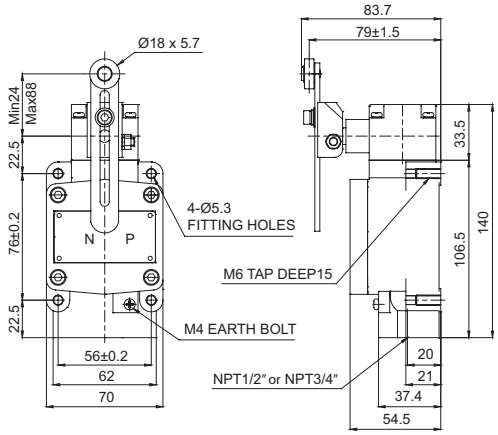


· Operating Characteristics

OF max.g	1,300
RF min.g	210
PT	25° ±5°
MD max	10°
TT min	70°

· Weight

SLP5130 - AL	Abt. 0.80kg
SLP5130 - AL (BRASS)	Abt. 2.26kg



·SLP5130-R Low Force Rod
·SLP5130-R-CR
·SLP5130-R-H

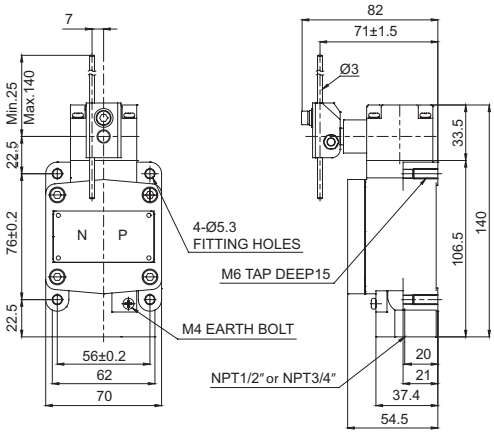


· Operating Characteristics

OF max.g	150
RF min.g	25
PT	25° ±5°
MD max	10°
TT min	40°

· Weight

SLP5130 - R	Abt. 0.80kg
SLP5130 - R (BRASS)	Abt. 2.23kg



Remarks & Caution

· The size allowance not indicated on the above is ±0.4mm.
· In case the product is installed outdoor or for water-proof usage, use water-proof connector or cable gland for cable entry.
· Keep the cable entry airtight by using water-proof cap in case it is contem-porary installed outdoor without using water-proof connector or cable gland.
· Power Entry Standard: NPT1/2" (NPT3/4" is available under custom-made)
· SLP5130-AL is manufactured and supplied on demand with STS material rollers.

IP66 | +70℃ -25℃ | +40℃ -40℃ | +120℃ +50℃ | +65℃ -55℃

Appearance	Detailed Specifications	Technical Diagram

·SLP5130-SW Spring Wire
·SLP5130-SW-CR
·SLP5130-SW-H

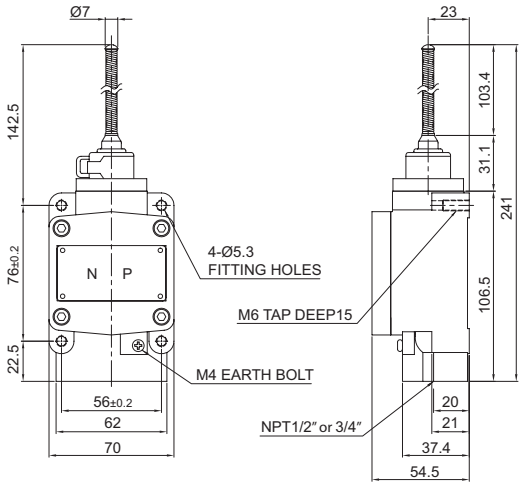


· Operating Characteristics

OF max.g	150
PT	20° ±10mm
360° Coil Spring Operation	

· Weight

SLP5130 - SW	Abt. 0.65kg



·SLP5130-RP Roller Plunger
·SLP5130-RP-CR
·SLP5130-RP-H

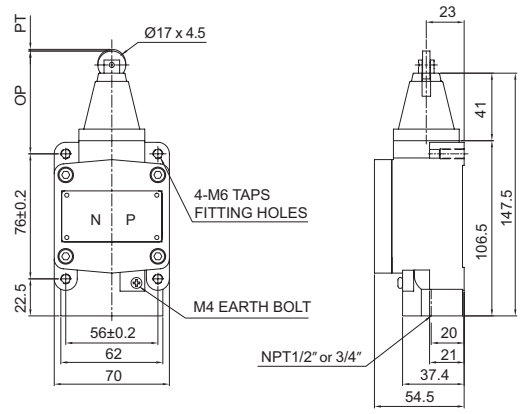


· Operating Characteristics

OF max.g	2,850
RF min.g	810
PT	2.0mm
MD max	1.0mm

· Weight

SLP5130 - RP	Abt. 0.65kg





· SLP5130-P(Plunger Type) is available under custom-made.