

PSPL Series

Retractive Level Compensator

AIRBEST



ELECTRONICS

Features

- ◇ Level compensator with built-in spring, small elasticity
- ◇ Small size and light weight
- ◇ special surface treatment for guide rod
- ◇ Guide sleeve with built-in resin bushing
- ◇ Retractive structure design

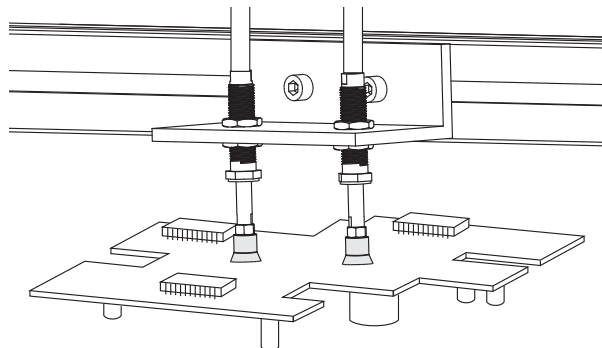
Advantages

- ◇ Avoid pollution and external mechanical force, flexible contact
- ◇ Suitable for fast handling in small space
- ◇ Resistant to environment, corrosion and abrasion
- ◇ Reduce metal dust, special for dust-free working condition
- ◇ During the operation, the hose is static and without transverse load



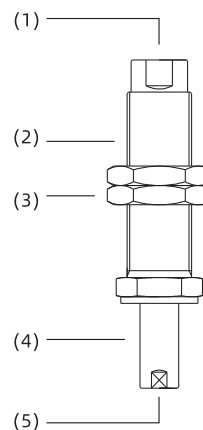
Applications

- ◇ Suitable for electronic industry
- ◇ Suitable for handling light and small workpieces with flexible contact
- ◇ Suitable for handling workpieces with height difference
- ◇ Suitable for dust-free working condition



Structure

- ◇ (1) Vacuum generator connection
- ◇ (2) Guide sleeve
- ◇ (3) Mounting nut
- ◇ (4) Guide rod
- ◇ (5) Suction cup connection



PSPL Series

Retractive Level Compensator



How to order

PSPL - I 10 M5F - M10

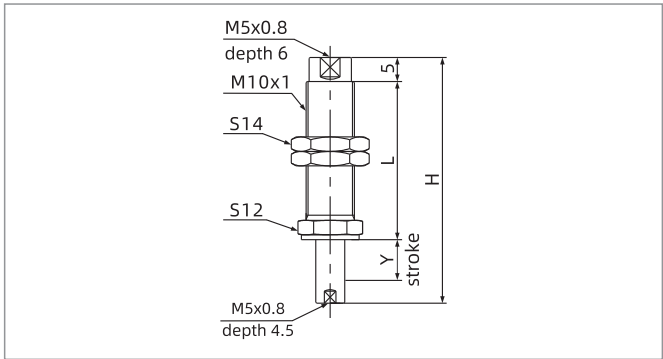
① ② ③ ④ ⑤

① Series	② Buffer style	③ Buffer stroke			④ Vacuum port connection	⑤ Mounting thread
PSPL	I - Built-in spring	10	15	20	M5F - M5×0.8 female thread	M10 - M10×1

Selection

Model/Buffer stroke	10	15	20
PSPL-I□M5F-M10	PSPL-I10M5F-M10	PSPL-I15M5F-M10	PSPL-I20M5F-M10

Dimensions(mm)



M5F – Vertical female thread connection

Model/Size	H	L	Y	F1 N	F2 N
PSPL-I10M5F-M10	51	31.8	10	1.0	1.4
PSPL-I15M5F-M10	61	36.8	15	1.0	1.4
PSPL-I20M5F-M10	71	41.8	20	1.0	1.4

- ◇ Note: 1. "F1" means spring force at 0 stroke, "F2" means spring force at max. stroke
2. The locking torque of M10 nut is 2.5 ~ 3.5N.M, please work within the specified torque range

Mounting Parts	PSPE
	PSPL
	PSPT
	PSPH
	PSPD
	PSPF
	PJS
	PJT
	PJF
	PJB
	PJE
	PJH
	PJP
	PJQ
	PDA
	PDR
PTS	
PTK	