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
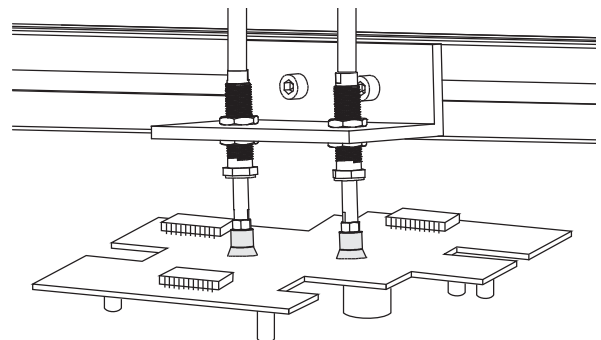
Structure

◇ (1) Vacuum generator connection

◇ (2) Guide sleeve

◇ (3) Mounting nut

◇ (4) Guide rod

◇ (5) Suction cup connection
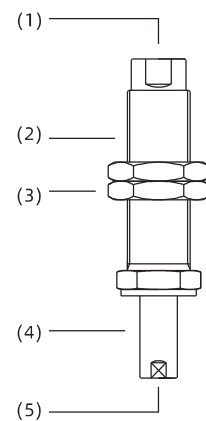
PSPL Series

Retractive Level Compensator

How to order

<div align="center">

PSPL - I 10 R M5F - M10

① ② ③ ④ ⑤ ⑥

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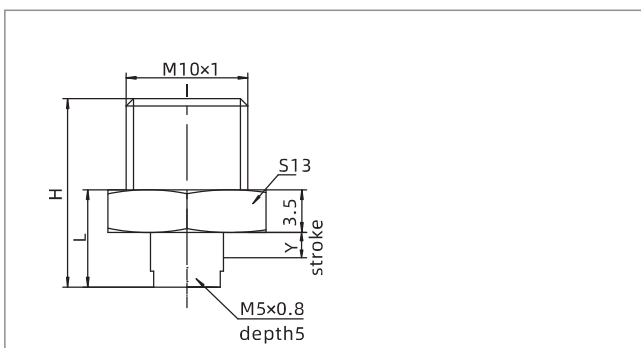| ① Series	② Buffer style	③ Buffer stroke	④ Rotary type	⑤ Vacuum port connection	⑥ Mounting thread
PSPL	I - Built-in spring	3 10 15 20	Nil - Vertical rotating R - Vertical non-rotating	M5F – M5×0.8 female thread	M10 - M10×1

Selection

Model/Buffer stroke	3	10	15	20
PSPL-I□M5F-M10	PSPL-I3M5F-M10	PSPL-I10M5F-M10	PSPL-I15M5F-M10	PSPL-I20M5F-M10
PSPL-I□RM5F-M10	-	PSPL-I10RM5F-M10	PSPL-I15RM5F-M10	PSPL-I20RM5F-M10

Dimensions(mm)
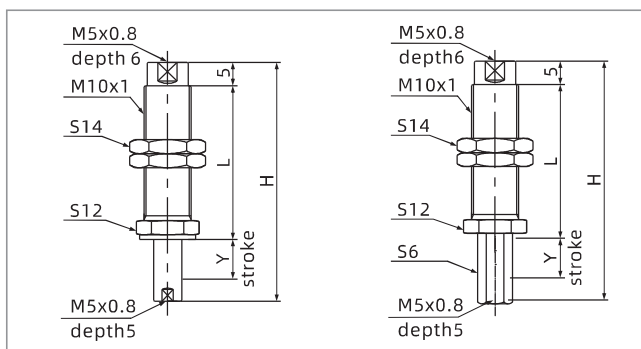
PSPL-I□M5F-M10

PSPL-I□RM5F-M10

Model/Size	H	L	Y	F1 N	F2 N
PSPL-I10(R)M5F-M10	51	31.8	10	1.0	1.4
PSPL-I15(R)M5F-M10	61	36.8	15	1.0	1.4
PSPL-I20(R)M5F-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

PSPL-I3M5F-M10

Model/Size	H	L	Y	F1 N	F2 N
PSPL-I3M5F-M10	16.5	9	3	0.7	1.0

◇ Note: 1. "F1"means spring force at 0 stroke, "F2" means spring force at max. stroke