

末端檢出接頭 | Pneumatic Sensor Fittings
手動切換閥 | Manually Operated Valve





PÖSU

快速配管型空壓感測接頭

Quick Fitting Type Pneumatic Sensor Fittings

末端檢出接頭/Pneumatic Sensor Fittings

訂購代號/Order No.

PET 4-01

① ② ③

① 型式/Type

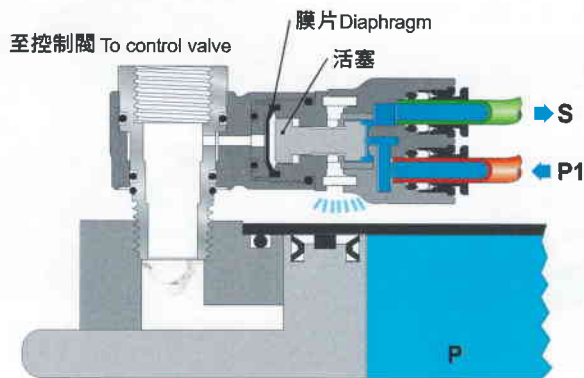
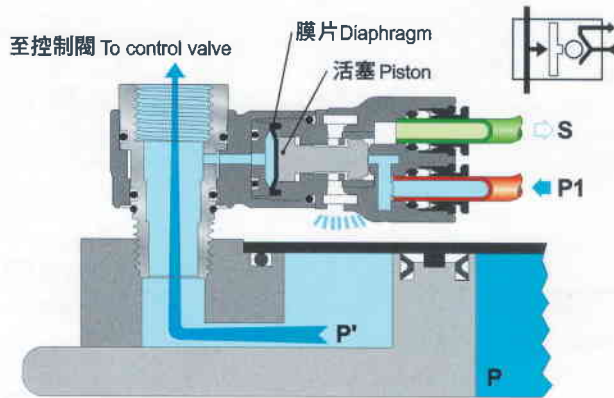
② 配管徑(ØD)/
Tube Dia.(ØD)

公制(MM)	4
編號(Code)	4
尺寸(Dia)	Ø4

③ 牙徑/Thread Size

	管用斜牙(PT斜牙) BSPT Thread		
編號(Code)	01	02	03
尺寸(Size)	PT1/8	PT1/4	PT3/8

操作原理/Principle Of Operation



P' : 壓力排出/Exhaust pressure
P : 系統壓力/System pressure
P1: 感測壓力供給/Supply pressure for sensor
S : 產生信號/Output signal

規格/Specifications

使用流體/ Fluid admitted	空氣/Air
使用壓力範圍/ Service pressure range	3 ~ 8 kgf/cm ² (300 ~ 800 KPa)
最小背壓/ Breaking pressure	0.6 kgf/cm ² (60 KPa)
使用溫度範圍/ Service temperature range	0 ~ 60°C
反應時間/ Response time	3 ms

包裝: 1個/盒 (Package: 1 pc. in a box)

- * **PÖSU** 感測接頭可用於氣缸行進至末端，缸內背壓將近消失時作動，送出氣壓信號以作為其他控制之用。
- * 體積小，節省空間。
- * **PÖSU** sensor fittings detect pressure drop. They produce an end-of-stroke signal-pneumatic when the exhaust back pressure in the cylinder disappears. They are generally used to detect the end-of-travel of a cylinder, thus allowing cylinder reciprocation.
- * **PÖSU** sensor fitting are very compact.

安裝方法/Mounting Method

- * 感測接頭(末端檢出接頭)可以直接安裝在氣缸上或電磁閥上或介於氣缸與調速閥之間的終端模組上。也可以將感測接頭安裝在氣缸上後，上方再加裝調速閥以控制氣缸行進速度。
- * They can be mounted on the cylinder, on the control valve or on a manifold block provided it is between the cylinder and the flow control. For accuracy, the flow control regulator should be positioned as close as possible to the cylinder and therefore can also be fitted to a sensor fitting already mounted on the cylinder.

輸出端連接方式/ Models With Pneumatic Output Sensor

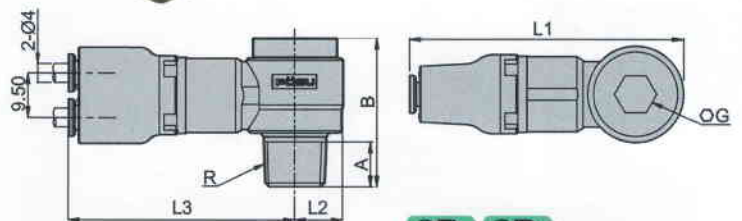
兩種可能方式/2 Possibilities

- * 連接固定壓縮空氣源，一般使用均以此種方式為之。
- * 在相反連接端的氣缸與電磁閥管線連接一條管線至此。
- * Supplied with permanent pressure. This is suitable for most applications.
- * Supplied by a tee made on the cylinder or on the control valve line from the opposite side. As the driving pressure is supplying the sensor fitting no untimely signal can affect operation on start up.

PET



- * 需使用內六角扳手
- * Use the spanner.



3D CAD 2D CAD 單位(Unit): mm

Model 型式	R	L1	L2	L3	OG	B	A
PET4-01	PT1/8	55.1	8.5	46.6	5	27.7	7
PET4-02	PT1/4	58.7	10.3	48.4	8	31.7	9.6
PET4-03	PT3/8	63	12.4	50.6	10	31.9	9.6