

壓力計附接點開關

Pressure gauges with electric contacts

接點壓力計是利用壓力變化時壓力計指針的上下，來帶動電氣接點的接離，以控制電動馬達或電磁閥做為警示的開關和動作。其作用原理和一般的壓力開關相同。

The contact pressure gauge drives the electrical contact by the pressure gauge pointer up and down, and generates a switching action to control the electric motor or the solenoid valve. Its principle of action is the same as that of a general pressure switch.



Compliance to requirements of directives:
LVD 2014/35/EU - EMC 2014/30/EU

規格說明

型號：P62

面徑：100 mm / 75mm

精度：4 " 單接點± 1.6% F.S

雙接點± 2.0% F.S

3 " 單接點± 2.5% F.S

雙接點± 3.0% F.S

壓力範圍：2.5~1000 kg/cm² 或
換算相當單位的壓力單位

溫度：-25~+65°C

錶殼材質：不銹鋼 304S.S.

鏡面材質：PC

面板：鋁板，白底與紅黑字或其他

指針：鋁，可調式

接頭：銅

巴登管：不銹鋼 316 Ti

齒輪：不銹鋼 304S.S.

銅(CPH: 油緩衝型式,面徑: 3")

防護等級：IP54

接線方式：4 " PG9/DIN 43650 (標準)
/ PG7 (選項)

3 " 出線式 PG7

Functional and constructive characteristics

Model: P62

Dial size: 100 mm / 75mm

Accuracy class: 4 " Single contact ± 1.6% F.S

Double contact ± 2.0% F.S

3 " Single contact ±2.5%F.S.

Double contact ± 3.0% F.S

Scale range: Form 2.5~1000 kg/cm² or equivalent other
units of pressure

Ambient temperature: -25~+65°C

Case: 304S.S.

Window: PC

Dial: Aluminum, white with dual color black and red
markings or other

Pointer: Aluminum, micrometric adjustable

Socket: Brass

Element: 316 Ti

Movement: 304S.S.

Brass(CPH: oil-damper type, case: 3")

Protection: IP54

Junction : 4 " PG9/DIN 43650 (standard) /
PG7 (option)

3 " Cable exit PG7

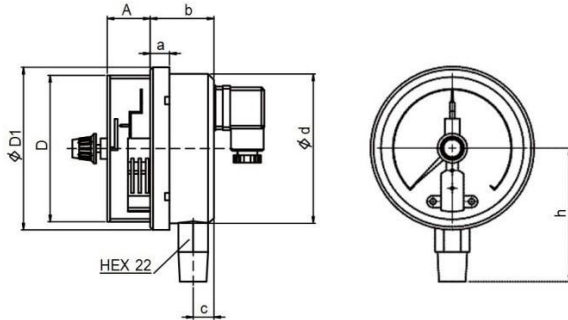
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▶ TYPE AND DIMENSIONS (安裝形式及尺寸) PG9 / DIN 43650 (STANDARD)

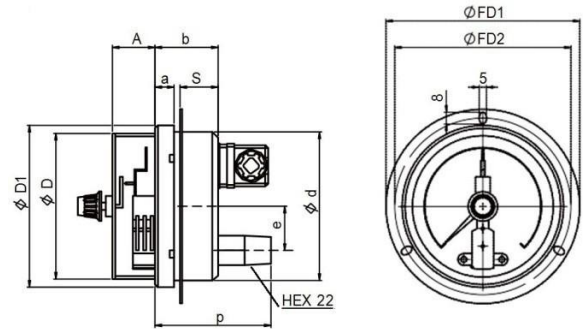
TYPE A

lower connection(直立安裝)



TYPE E

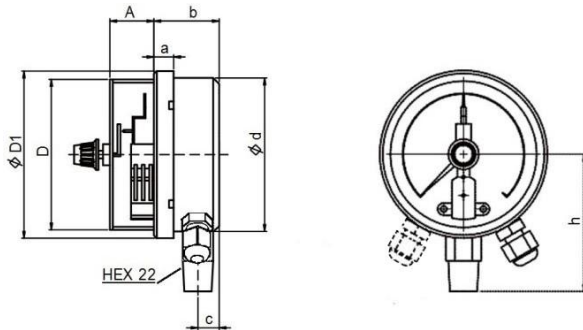
flush mounting, front flange; back connection (埋入安裝, 附前緣)



▶ TYPE AND DIMENSIONS (安裝形式及尺寸) PG7 + Cable 0.9m (OPTION)

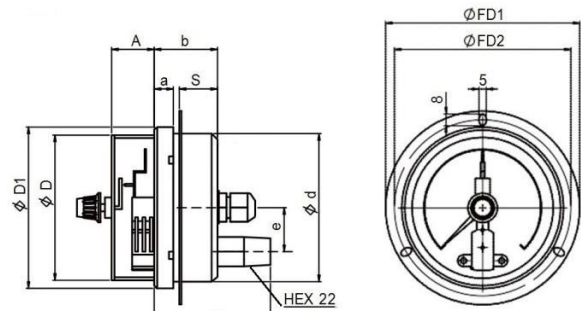
TYPE A

lower connection(直立安裝)



TYPE E

flush mounting, front flange; back connection (埋入安裝, 附前緣)



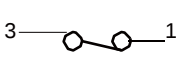
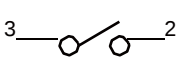
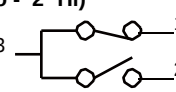
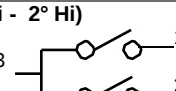
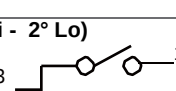
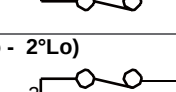
DIMENSIONS (mm)

DS	type	A	a	b	c	D	D1	
75	A	36	12	32	9	77	84	
	E				-			
100	A	27	13	48	18	95	111	
	E				-			
DS	type	d	e	h	P	S	FD1	FD2
75	A	75.8	-	62	-	-	-	-
	E		-	-	57	15	104	93.8
100	A	100.8	-	90	-	-	-	-
	E		28	-	95	28	132	118

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▶ 接點型式說明 Contact code Description — Maximum rating: 250Vac/1A(ohmic load).

接點型式 CONTACT CODE magnetic snap	電路圖解 ELECTRIC SCHEME	指針順時針作動 CLOCKWISE MOVEMENT OF THE POINTER CAUSES	接線型式 JUNCTION	接線顏色 CABLE COLORS
單接點 SINGLE CONTACT				
PIA-01S	(Lo) 	Opening	接線盒 PG7/PG9	1= 白色 white 3= 黑色 black
PIA-02S	(Hi) 	Closing	接線盒 PG7/PG9	2= 紅色 red 3= 黑色 black
雙接點 DOUBLE CONTACTS				
PIA-01D	(1° Lo - 2° Hi) 	Opening 1 Opening 2	接線盒 PG7/PG9	1= 白色 white 2= 紅色 red 3= 共通 com --黑色 black
PIA-02D	(1° Hi - 2° Hi) 	Opening 1 Closing 2	接線盒 PG7/PG9	1= 白色 white 2= 紅色 red 3= 共通 com --黑色 black
PIA-03D	(1° Hi - 2° Lo) 	Closing 1 Opening 2	接線盒 PG7/PG9	1= 白色 white 2= 紅色 red 3= 共通 com --黑色 black
PIA-04D	(1° Lo - 2° Lo) 	Closing 1 Closing 2	接線盒 PG7/PG9	1= 白色 white 2= 紅色 red 3= 共通 com --黑色 black

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▶ 訂購方式

▶ HOW TO ORDER

範例 Example		P62	02D	A	E	250K	22M	其他需求 Option	
									其他需求 Option
									PG9 (4":標準-STANDARD)
									PG7 Cable(配線): 0.9m 3" : 標準-Standard
									C316 Option 316 case for Ø100
									壓力範圍 Range 2.5~1000kg/cm ²
									0~2.5 kg/cm ² (1S,2S ONLY) 0~2.5 kg/cm ² (僅提供單接點)
									接點方式 Electric contacts type
									01S
									02S
									01D
									02D
									03D
									04D
									3"接續尺寸 Process connection
									21M 1/4" BSP (PF)
									22M 1/4" PT
									23M 1/4" NPT
									31M 3/8" BSP (PF)
									32M 3/8" PT
									33M 3/8" NPT
									4"接續尺寸 Process connection
									21M 1/4" BSP (PF)
									22M 1/4" PT
									23M 1/4" NPT
									31M 3/8" BSP (PF)
									32M 3/8" PT
									33M 3/8" NPT
									41M 1/2" BSP (PF)
									42M 1/2" PT
									43M 1/2" NPT
3"	4"	安裝方式 Mounting function							
A	A	直立安裝 Low connection - stem mounting							
	B	埋入安裝附 U 型固定架 Back connection – flush mounting, "U"-clamp (PG7only)							
C	C	直立安裝附背緣 Lower connection – surface mounting, back flange (PG7 only)							
D	D	背接安裝 Back connection – stem mounting							
E	E	埋入安裝附前緣 Back connection – flush mounting, front flange							