

全不銹鋼壓力計附接點開關

All stainless steel 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：P63

面徑：100 mm

精度：單接點 $\pm 1.5\%$ F.S;

雙接點 $\pm 2.0\%$ F.S;

三接點 $\pm 2.5\%$ F.S;

四接點 $\pm 3.0\%$ F.S

壓力範圍：2.5~1000 kg/cm² 或

換算相當單位的壓力

環境溫度：-25~+65℃

錶殼材質：不銹鋼 304S.S.

鏡面材質：PC

面板指示：鋁板，白底與紅黑字表示或其他

指針：鋁合金，黑漆，可調式

接頭：不銹鋼 316S.S.

巴登管：不銹鋼 316 Ti

齒輪：不銹鋼 304 S.S.

防護等級：IP54

接線方式:PG9/DIN 43650(標準) / PG7(選項)

Functional and constructive characteristics

Model: P63

Dial size: 100 mm

Accuracy class: Single contact $\pm 1.5\%$ F.S;

Double contact $\pm 2.0\%$ F.S;

Triple contact $\pm 2.5\%$ F.S;

Quadruple contact $\pm 3.0\%$ F.S.

Scale range: Form 2.5~1000 kg/cm² or equivalent

other units of pressure or vacuum

Ambient temperature: -25~+65℃

Case: 304S.S.

Window: PC

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

Pointer: Aluminum, micrometric adjustable

Socket: 316S.S.

Element: 316 Ti

Movement: 304S.S.

Protection: IP54

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

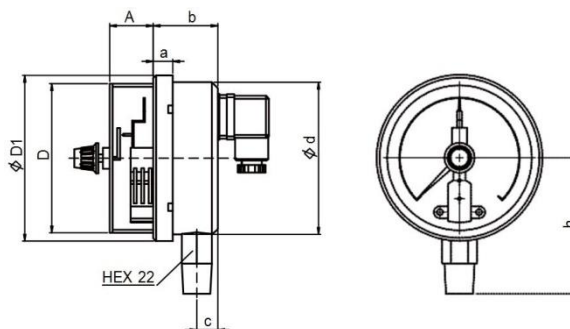
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TYPE AND DIMENSIONS (安裝形式及尺寸) PG9/DIN 43650 (STANDARD)

TYPE A

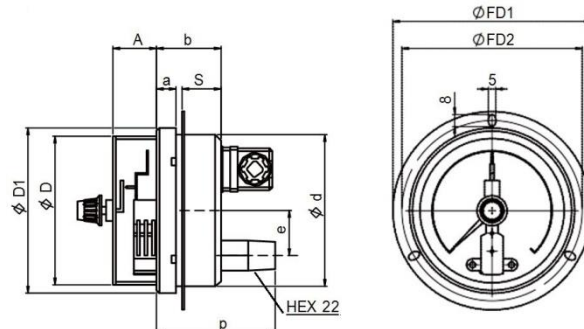
lower connection(直立安裝)



TYPE E

flush mounting, front flange; back connection

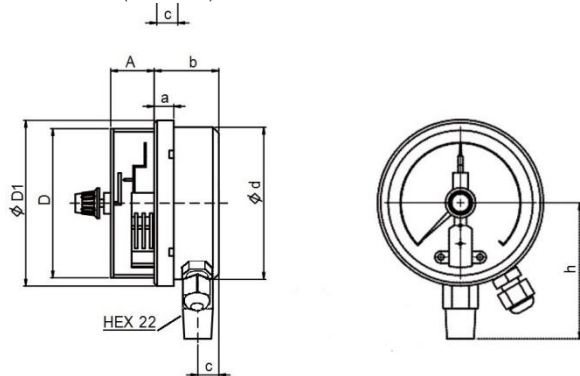
(埋入安裝,附前緣)



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

TYPE A

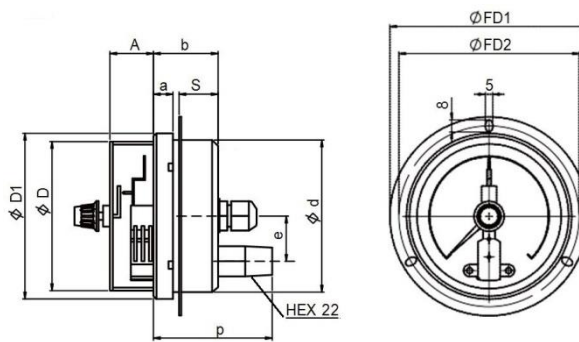
lower connection(直立安裝)



TYPE E

flush mounting, front flange; back connection

(埋入安裝,附前緣)



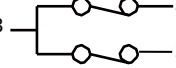
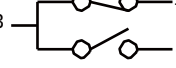
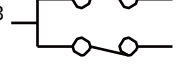
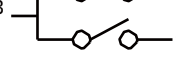
DIMENSIONS (mm)

DS	type	A	a	b	c	D	D1	
100	A	27	13	48	18	95	111	
	E				-			
DS	type	d	e	h	P	S	FD1	FD2
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-04D	(1°Lo - 2°Lo) 	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-01D	(1°Lo - 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-02D	(1°Hi - 2°Hi) 	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	P63	02D	A	E	250K	42M	其他需求 Option
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接點方式 Electric contacts type
01S
02S
01D
02D
03D
04D

面徑大小 Dial size
E ϕ 100 mm (4")

壓力範圍 Range
2.5~1000kg/cm ²
0~2.5 (1S,2S ONLY)
0~2.5 (僅提供單接點)

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

其他需求 Option	
PG9	(標準-STANDARD) DIN 43650
PG7	CABLE(配線): 0.9m
C316	殼框 316SS Case & ring 316SS

安裝方式 Mounting function
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
C 直立安裝附背緣 Lower connection – surface mounting, back flange (PG7 only)
D 背接安裝 Back connection – stem mounting
E 埋入安裝附前緣 Back connection – flush mounting, front flange

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