

基本特性 FEATURES

1. SWF-G02 系列電磁閥, 適用於變速器的推拉行電磁閥, 廣泛應用於建設機械, 礦山作業機械和工程車輛等
 The SWF-G02 series push-pull type solenoid operated directional valve which is suitable for box, widely use for construction machinery, mine machinery, engineering vehicles, ect.
2. 安裝尺寸為 ISO-4401-AB-03-4-A(DIN NG06)
 Connections to ISO-4401-AB-03-4-A(DIN NG06)
3. 若選擇帶二極體型式時, (+)(-) 極請正確的接線, (+)(-) 極反接時電磁閥無法使用
 When selecting diodes, please wire correctly according to the label (+) and (-)

基本規格 SPECIFICATIONS

SWF-G02 系列 Series		
最高工作壓力 Maximum Operating Pressure	bar	Port P,A,B: 140 bar Port T: 70 bar
最大流量 Rated Flow Capacity	L/min	12 L/min At The Operated Pressure 140 bar
電源 Voltage	V	D12: DC12V / D24: DC24V
消耗功率 Wattage	W	26 W
工作電流 Current	A	2.4A (12VDC) 1.2A (24VDC)
允許電壓變動範圍 Alteration Range	通電率 100% Power Supply RATE 100%	-10%~+10% < 額定電流 Rated Current >
	通電率 75% Power Supply RATE 75%	-11%~+20% < 連續通電 5 分鐘以內 Continuons Power Supply 5 Minutes >
	通電率 50% Power Supply RATE 50%	-21%~+30% < 連續通電 3 分鐘以內 Continuons Power Supply 3 Minutes >
絕緣類型 Insulation Type		H 級 Class H
工作油及工作溫度 Fluids And Temperature		礦物基液壓油 Mineral-Base Hydraulic Oil : -25~+90°C
		磷酸酯基液壓油 Phosphate-Base Hydraulic Oil: -30~+100°C
		AFT : -30~+130°C
清潔度 Contamination Level		NAS 12 級以內 Under NAS Class 12
耐震性能 Shock-Proof Performance		JIS D 1601
耐水性能 Water-Proof Performance		JIS D 0203 S2
切換頻率 Operating Frequencies	CPM	250 CPM
切換時間 Response Time	ms	Open within 50ms, Close Within 100ms
重量 Weight	Kgs	1.5 Kgs
安裝螺絲 Mounting Bolt Kits	M5X45L, 4pcs	安裝扭力 Tightening Torque 70~80Kg-cm
表面處理 Treatment		磷酸鹽皮膜處理 Zinc Phosphate Compound

型號說明 HOW TO ORDER

SWF - G02 - C4 - D12 - 31 - A - 1 - D
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 閥系列 Valve series

SWF= 推拉式電磁作動方向控制閥

Push-pull type solenoid operated directional valve

② 油路板安裝型式通稱 Gasket mounting

Nominal 1/4" (6mm)

ISO= CETOP3

DIN= NG6

NFPA= D03

④ 線圈電壓 Coil voltage

D12 = 12 VDC

D24 = 24 VDC

⑤ 接線方式 Wiring

31 = 出線式 Lead wire

⑥ 電磁鐵組安裝方向 Coil side

A= 電磁鐵組安裝於本體 A 側

Coil at port A

B= 電磁鐵組安裝於本體 B 側

Coil at port B

⑦ 手推桿 Push bar

1= 線圈側有手推桿

Push bar at coil side

2= 兩側有手推桿

Push bar on both side

⑧ 二極體 Diodes

空白 = 標準 不帶二極體

Omit= Standard without diodes

D= 帶二極體

With diodes

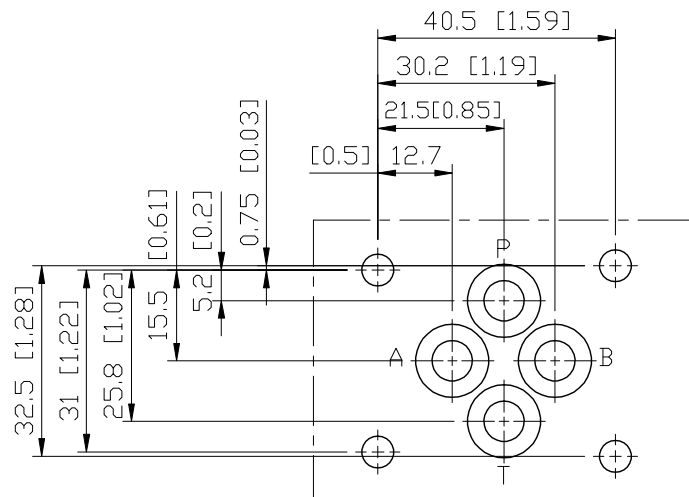
③ 閥芯型式 Spool type

	電磁鐵組安裝於本體 B 側 Coil at port B	電磁鐵組安裝於本體 A 側 Coil at port A
C2		
C4		
C6		

安裝面 MOUNTING INTERFACE

Unit: mm [inch]

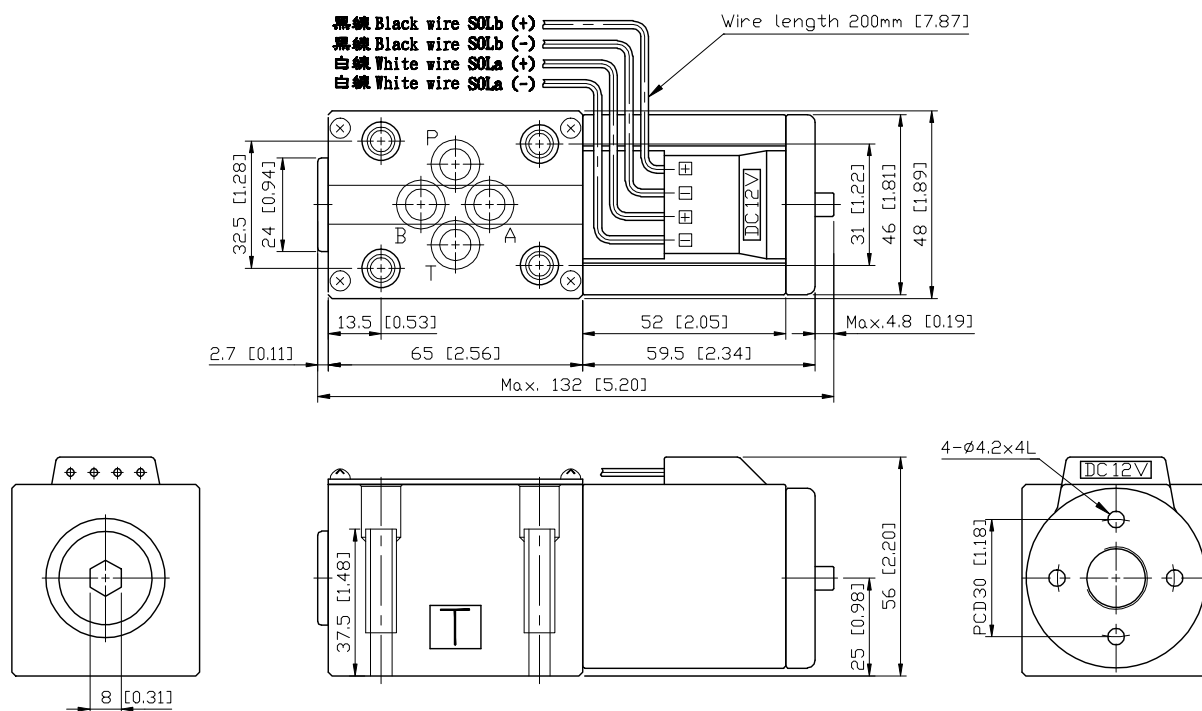
ISO 4401-AB-03-4-A



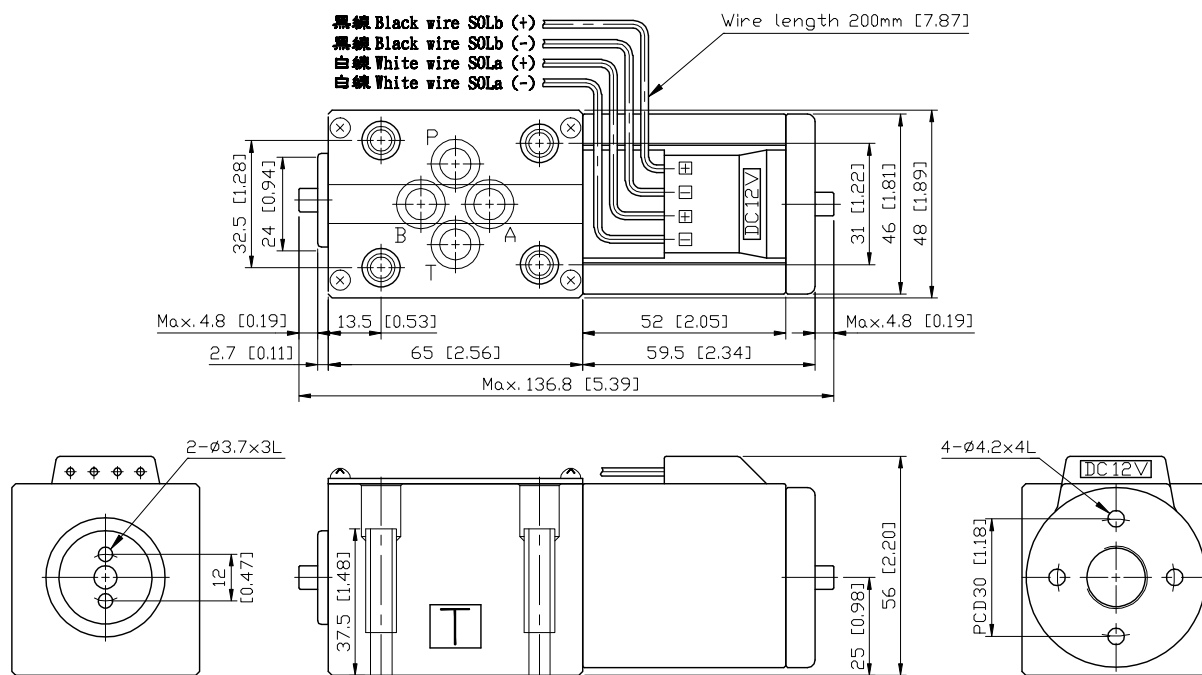
外型尺寸 DIMENSIONS

Unit: mm [inch]

SWF-G02-C*-D**-31-A-1



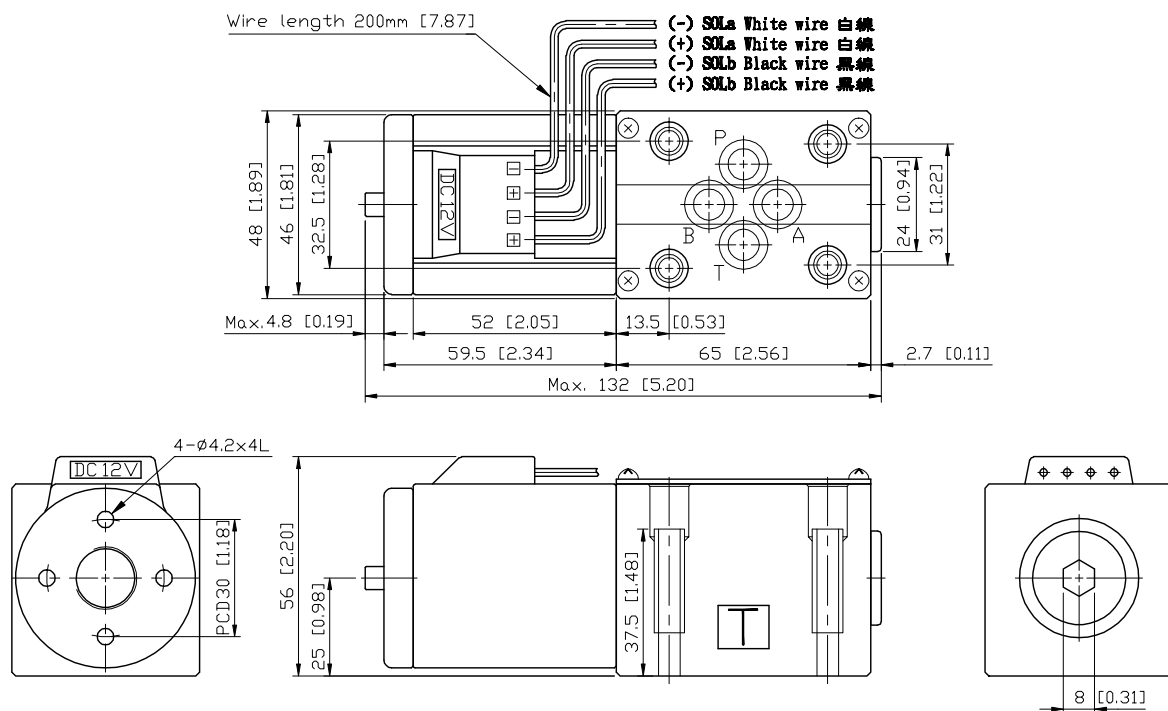
SWF-G02-C*-D**-31-A-2



外型尺寸 DIMENSIONS

Unit: mm [inch]

SWF-G02-C*-D**-31-B-1



SWF-G02-C*-D**-31-B-2

