

Adjustment of IFM Pressure Switch IFM宜福門壓力開關調整SOP

For all detron GXA-H series

Safety Equipment : None

Illustration (部位位置說明) :



Parts:


1. 壓力開關檢知線 Signal cable
2. 壓力開關 Pressure Switch

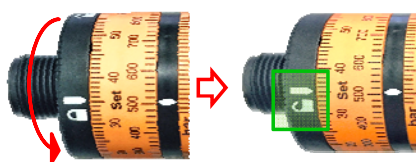
高壓檢知調節環
High pressure detection indicator

低壓檢知調節環
Low pressure detection indicator

Step 1 解鎖調節環 Unlock detection indicator

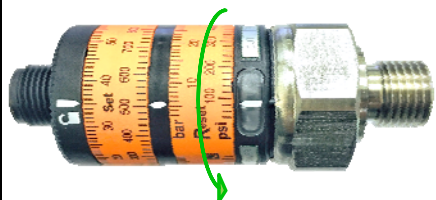




壓力開關上方黑色旋鈕順時針旋轉至
即可解鎖調整環 
Rotate the upper black button by clockwise
rotation, to unlock the detection indicator.



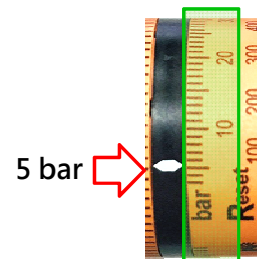
Remark:

Step 2 調整低壓檢知 Adjust low pressure detection indicator



1. 將低壓檢知壓力調整至5bar · 防止分度盤在鬆開狀態時 · 機構內殘留壓力過高產生損害
2. 調整完成後再將上方旋鈕轉至 
1. Adjust the low pressure detection indicator to 5bar, and be careful if the pressure value too high will casue damage when the rotary table under unclamped condition.
2. After adjustment, rotate the upper button to 

Remark:




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Step 3 調整高壓檢知 Adjust high pressure detection indicator

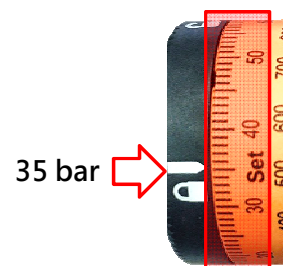


1. 將高壓檢知壓力調整至35bar · 確保分度盤在夾緊狀態時,達到有效煞車力
2. 調整完成後再將上方旋鈕轉至 

1. Adjust the high pressure detection indicator to 35bar, and make sure the rotary table can reach effective clamping torque under clamped condition.





2. After adjustment, rotate the upper button to 

Remark:



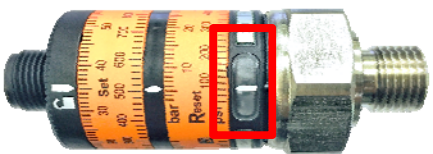
Step 4 壓力開關檢知線功能說明 Description of pressure switch signal cable function



-  DC24V
-  高壓檢知 high pressure
-  0V接地線 Ground wire
-  低壓檢知 Low pressure detection

Remark:

Step 5 壓力開關燈號說明 Description of pressure switch signal light



電源燈(綠燈)
Power light
(Green light)



訊號燈(黃燈)
Signal light
(Yellow)

Remark: