

AF/AE SERIES

LED可視化壓差模組
LED Visual Differential-
Pressure Module



The principle of this LED module is that there is a pressure detector inside the unit that can sense the pressure difference according to the condition during smooth operation or blockage and to transfer pressure into electricity. It can enhance the degree of discrimination and can identify the filter condition by LED color distinction, so that the user can conduct washing or replacement. Also, It can convert into analog signals through the IC board and connect with the I/O of the CNC controller to enable program editing. If there is a blockage in the filter, a message will be shown on the screen, for dramatically increasing working efficiency. This LED module can be used in a wide range of industrial applications.

Pressure detection range : 20 ~ 5000PA
Working temperature : -20°C ~ +85°C
Output : Dry contact signal

其原理是透過壓力檢知器，感應其過濾器因運行或阻塞所造成壓力變化，將壓力轉化成電能。一方面驅動LED由顏色區分，可增加辨視度，判別機身內前後濾桶阻塞情況，去進行後續清洗或更換的動作。另一方面可透過IC板轉換成類比訊號，與控制器I/O連線，編寫程式驅動或在螢幕顯示前後濾桶阻塞訊息，大大增加工作效率。

壓力檢知 量程範圍 : 20 ~ 5000PA
工作溫度 : -20°C ~ +85°C
輸出 : 乾接點訊號

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