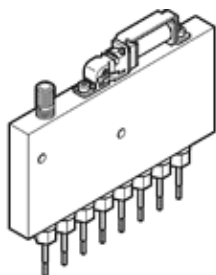


dispense head

VTOI-V8-30D3-U14-08-V-S015-1

料號: 8114037

FESTO



技術參數

特性	值
閥功能	2/2 常閉, 單穩態
Operating pressure MPa	0 ... 0.1 MPa
操作壓力	0 ... 1 bar
Operating pressure	0 ... 14.5 psi
Internal volume	10 µl fluid chamber valve 178 µl distributor block with valve, needle and fittings
額定尺寸	0.8 mm
Nominal width of dosing needle	0.3 mm
Length of dosing needle	30 mm
網柵尺寸	9 mm
密封原理	軟性
裝配位置	垂直
復位類型	機械彈簧
嚮導類型	直接
適合真空	否
Min. dosing volume	1 µl
Note on dosing volume	Depending on the configuration, environment and application
Typical dosing precision	≤ 5% Tip-to-Tip CV ≤ 3% Intra-Run CV
Note on dosing precision	Depending on the configuration, environment and application
最大切換頻率	4 Hz
Note on switching frequency	Dependent on the ambient temperature and installation state
開啟時間	7 ms
Note on switching time on	Depending on the configuration, environment and application
關閉時間	2 ms
Note on switching time off	Depending on the configuration, environment and application
循環功率	100 %
電源消耗	1.8 W
額定工作電壓 DC	24 V
容許的電壓波動	+/- 10 %
介質	流體介質 氣態介質
Note on the medium	Maximum particle size 20 µm
Instructions for use	See application note (available on the Support Portal at festo.com)
耐振動	傳送應用測試在安全等級 2 符合 FN 942017-4 及 EN 60068-2-6
耐衝擊	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
耐腐蝕等級 CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
儲藏溫度	5 ... 40 °C
介質溫度	5 ... 50 °C
防護等級	IP30
Note on degree of protection	裝配狀態
環境溫度	5 ... 40 °C
產品重量	52 g
電氣連接	2芯

特性	值
	2 single wires 開放式終端
電纜長度	0.15 m
導線末端	Sheath removed
Nominal conductor cross section (AWG)	AWG28
安裝類型	With through-hole for M3 screw
Fluid connection	Female thread 1/4-28 UNF-2B
Note on fluid connection	Fitting provided for tubing with an outside diameter of 3 mm
Material of dosing needle	高合金鋼, 耐腐蝕
Material number of dosing needle	1.4404
材料備註	符合 RoHS
材料與介質接觸	ETFE FPM PEI PPS 高合金鋼, 耐腐蝕
驅動類型	電動
Nominal altitude of use	<= 2000 m NHN
相對空氣濕度	0 - 95 % 非冷凝