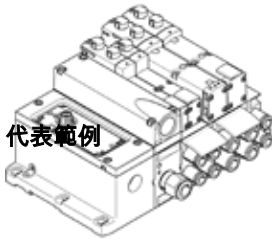


閥島

VTSA-F-FB-AP

料號: 8130719
新

FESTO



技術參數

整體數據表 – 個別數值取決於您的配置。

特性	值
電氣連接	Fieldbus
電氣 I/O 系統	是
閥島型號	45
通訊協定	AP
安裝類型	Direct mounting via through-holes On H-rail with accessories 在安裝框架上 收緊 Via through-hole for M5 screw Via through-hole for M6 screw With through-hole for M5 screw with accessories With through-hole for M6 screw with accessories
模組的最大數量	15
裝配位置	Any, on H-rail: horizontal
操作介質	壓縮空氣符合 ISO8573-1:2010 [7:4:4]
注意: 操作和嚮導介質	潤滑操作可行 (隨後需要進一步操作)
環境溫度	-5 ... 50 °C
Note on ambient temperature	Note ambient temperature derating according to IEC 61131-2:2017
儲藏溫度	-20 ... 60 °C
相對空氣濕度	5 - 90 % 非冷凝
Nominal altitude of use	<= 2000 m ASL (> 79,5 kPa)
Max. installation height	3,500 m
Note on max. installation height	> 2000 m ASL (< 79,5 kPa) Note ambient temperature derating according to IEC 61131-2:2017
防護等級	IP65
Note on degree of protection	Unused connections sealed
耐腐蝕等級 CRC	0 - No corrosion stress
直接和間接接觸保護	SELV/PELV fixed power supplies required
污染程度	2
Operating pressure MPa	-0.09 ... 1 MPa
操作壓力	-0.9 ... 10 bar
Pilot pressure MPa	0.3 ... 1 MPa
嚮導壓力	3 ... 10 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 ... 1 MPa
具有內嚮導氣源的閥島的操作壓力	3 ... 10 bar
Operating pressure for valve terminal with internal pilot air supply	43.5 ... 145 psi
PWIS conformity	VDMA24364-B1/B2-L
CE 符號 (參見符合的標準)	根據 EU-EMV 指導原則 in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
授權	RCM Mark
材料備註	符合 RoHS

特性	值
	不含鹵素 Free of phosphoric acid ester
Material seals	NBR
閥島結構	模組化, 閥尺寸可混合
閥位的最大數量	32
壓力區的最大數目	16
驅動類型	電動
閥功能	2x2/2 常閉, 單穩態 2x3/2 常閉, 單穩態 2x3/2 常開, 單穩態 2x3/2 常開/常閉, 單穩態 5/2 雙穩態 5/2 雙穩態-主控 5/2 單穩態 5/2位, 單線圈安全功能 5/3 加壓 5/3 排氣 5/3 封閉 5/3, 接口 2 加壓, 接口 4 排氣
設計結構	活塞滑塊
閥尺寸	18 mm 26 mm 42 mm 65 mm 52 mm
嚮導氣源	外部 內部的
最大標準額定流量	700 l/min at 18 mm 1350 l/min at 26 mm 1860 l/min at 42 mm 2900 l/min at 52 mm 4000 l/min at 65 mm
適合真空	是
排氣功能	Via throttle plate
Signal status display	LED
fieldbus接口的注意事項	All information that is relevant to CPX-AP can be read out via the Ethernet interfaces/fieldbus connections and changed depending on the function. Auto MDI, the bus module performs a crossover check Firmware update via Ethernet interface/fieldbus connection I&M functionality according to PNO is supported.
Fieldbus介面	Ethernet
Fieldbus interface, protocol	ACD (Addr. Conflict Detection) DLR (Device Level Ring) EtherCAT EtherCAT CoE EtherCAT Distrib. Clocks (DC) EtherCAT EoE MRP, MRPD (ring redundancy) EtherCAT FoE EtherCAT Mod. Dev. Prof. (MDP) EtherNet/IP EtherNet/IP QoS EtherNet/IP Quickconnect LLDP Modbus/TCP (Modbus/UDP) S2 system redundancy PROFINET FSU PROFINET I&M0 .. 3 PROFINET IRT PROFINET RT

特性	值
	PROFINET Shared device SNMP
Fieldbus interface, type of connection	2x 插座
Fieldbus interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101 RJ45 according to IEC 61076-3-117 (V14)
Fieldbus interface, number of pins/wires	4 ... 8 psi
Fieldbus介面, 電絕緣	是
Fieldbus介面, 傳輸速度	100 Mbit/s
用於輸入的最大位址容量	1,024 Byte 4,096 Byte
Note on inlets	EP: 488 Byte Modbus: 4096 Byte
用於輸出的最大位址容量	1,024 Byte 4,096 Byte
輸出注意事項	EP: 496 Byte Modbus: 4096 Byte
內部循環時間	< 1 ms
配置支援	EDS文件 ESI file GSDML 檔案 IODD file
Power supply, function	Incoming electronics/sensors and load and functional earth
Power supply, type of connection	插頭
Power supply, connection technology	7/8" according to NFPA/T3.5.29 M12x1, L-coded to EN 61076-2-111 Push-pull according to IEC 61076-3-126 M18x1
Power supply, number of pins/wires	4 ... 5 psi
額定工作電壓, AC	110 V
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
額定工作電壓 DC	24 V
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
容許的電壓波動	+/- 10 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
最大電源供應	8 ... 16 A
Typ. intrinsic current consumption at nominal operating voltage for electronic system/sensors	0.04 ... 10 A
Typ. intrinsic current consumption at nominal operating voltage, load	0.003 ... 10 A
能源不足緩衝	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	是
極性保護	是