

照相系統 CHB-C-N

料號: 3501040

FESTO

Intelligent Line Scan Camera System with adaptive part flow control for sorting small parts by type, by position orientation, by quality, and also by quantity (quantity pre-selection). CMOS-Sensor, resolution 1 x 2048 pixels, LED-Illumination, Ethernet-Interface 100 Mbit/s, PLC-Interface, Digital I/Os. Main application field is feeding technology.



技術參數

特性	值
感測器分辨率	2048 pixels/line
Pixel size	0.014 mm
感測器型號	CMOS line scan
Max. line frequency, sensor	8,500 Hz
測試程式的最大數目	256
Max. no. of types per inspection program	1
Max. no. of different orientations per type	8
計數功能	是
計數範圍	1 - 9999999
數量預選	About CheckOpti software
最小部件長度	1 mm
最大部件長度	取決於傳送帶的速度以及所需的解析度
最小部件直徑	0.5 mm
最大部件直徑	25 mm
額定工作電壓 DC	24 V
容許的電壓波動	-15 % / +20 %
空載輸出時的電流消耗	400 mA
內部保險絲	4 A fuse
Max. starting current per output channel	1.3 A
電子輸出限制	700 mA
Power supply, type of connection	插頭
Power supply, connection technology	M18x1
Power supply, number of pins/wires	4
Max. total current, power supply	3 A
Actuator interface, type of connection	插頭插座
Actuator interface, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Actuator interface, number of pins/wires	5
Max. total current, actuator interface	1.9 A
Buffer/feeder interface, type of connection	插頭插座
Buffer/feeder interface, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Buffer/feeder interface, number of pins/wires	5
Max. total current, buffer/feeder interface	1.9 A
PLC interface, type of connection	插頭插座
PLC interface, connection technology	M16x0,75
PLC interface, number of pins/wires	24
Max. total current, PLC interface	0.9 A
輸出	合格部件, 方位正確 合格部件, 方位錯誤 不正確零件 傳送設備控制

特性	值
	"警告"狀態信息 故障輸出 Target number reached PLC power supply Transport system controller/Ready for operation
輸入	內建感測器 1 Back pressure sensor 2/check program bit 2 外部錯誤 Start new counting cycle External start/stop External sensor/inspection program bit 3 按鍵失效 Check program bit 0 Check program bit 1
輸入特性	To IEC 61131-2, type 1
Ethernet interface, type of connection	插頭插座
Ethernet interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101
Ethernet interface, number of pins/wires	4
Ethernet interface, protocol	TCP/IP
Ethernet interface, transmission rate	10/100 Mbit/s
Ethernet interface, function	診斷 Programming
Encoder interface, type of connection	插頭插座
Encoder interface, connection technology	M16x0,75
Encoder interface, number of pins/wires	8
Encoder interface, protocol	RS485
fieldbus接口的注意事項	Not connected
Fieldbus interface, protocol	CAN, not supported
Material housing	鍛造鋁合金
Material cover	鍛造鋁合金
材料備註	符合 RoHS
安裝類型	具內 (母) 螺紋 具鳩尾槽 具配件
尺寸 寬(W) x 長(L) x 高(H)	60 mm x 164 mm x 256,9 mm
Dimensions of optical channel W x H	59,2 mm x 40 mm
產品重量	2,325 g
環境溫度	-5 ... 45 °C
儲藏溫度	-20 ... 70 °C
防護等級	IP64
授權	RCM Mark
KC mark	KC-EMV
CE 符號 (參見符合的標準)	根據 EU-EMV 指導原則
環境條件	屏蔽極端外部光源 盡可能乾淨的環境空氣 乾燥
Photobiological safety	Risk group 1 (low risk) per DIN EN 62471:2009-03
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
直接和間接接觸保護	Protective extra-low voltage with safe disconnection (PELV)
耐腐蝕等級 CRC	2 - Moderate corrosion stress