1D/2D Code Scanner

C5PC006 Part Number



- Auto-button function
- Integrated code reconstruction
- Integrated LED illumination
- **PROFINET and EtherNet/IP™** •
- Web link

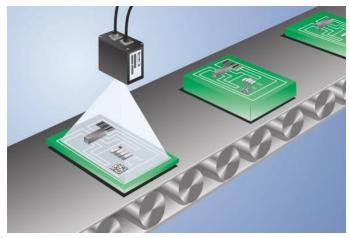
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

The following code types can be processed:

1D codes: Code39, Code93, Code128, UPC/EAN, BC412, Interleaved 2 of 5, Codabar, Postal Codes, Pharmacode

2D codes: DataMatrix ECC 0...200, PDF417, Micro PDF417, QR-Code, Micro QR-Code, Aztec Code, GS1 Databar, Dot code

Additional code types upon request.



IndustrialEthernet

Te	chn	ical	Data
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Barcode DensityStandard densityResolution2592 × 1944 PixelLight SourceWhite LightService Life (T = +25 °C)50000 hmin. Resolution0,08 mmElectrical DataSupply Voltage530 V DCCurrent Consumption (Ub = 24 V)150 mAScan Rate5 scans/secTemperature Range045 °CSwitching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of Protection EthernetType of Connection EthernetNPN NO/NC switchablePNP NO/NC switchablePNPNN/NC switchablePROFINETEthernet HPPMPROFINETEthernet HPPMConnection Table No.39Control Panel No.Suitable Connection Equipment No.87Suitable Mounting Technology No.Suitable Mounting Technology	Optical Data	
Light Source White Light Service Life (T = +25 °C) 50000 h min. Resolution 0,08 mm Electrical Data Supply Voltage 530 V DC Current Consumption (Ub = 24 V) 150 mA Scan Rate 5 scans/sec Temperature Range 045 °C Switching Output Optoisolator Number of Switching Outputs 3 Switching Output/Switching Current 100 mA Reverse Polarity Protection yes Interface RS-232/Ethernet Trigger Input Optoisolator Number of Signal Inputs 3 Mechanical Data Setting Method Ethernet Housing Material Metal Weight 68 g Degree of Protection IP65 Connection Ethernet NPN NO/NC switchable ● NPN NO/NC switchable Ethernet PROFINET Ethernet ● PROFINET EtherNet/IP™ ● Connection Table No. 39 Control Panel No. 87	Barcode Density	Standard density
Service Life (T = +25 °C) 50000 h min. Resolution 0,08 mm Electrical Data Supply Voltage 530 V DC Current Consumption (Ub = 24 V) 150 mA Scan Rate 5 scans/sec Temperature Range 045 °C Switching Output Optoisolator Number of Switching Outputs 3 Switching Output/Switching Current 100 mA Reverse Polarity Protection yes Interface RS-232/Ethernet Trigger Input Optoisolator Number of Signal Inputs 3 Mechanical Data Setting Method Ethernet Housing Material Metal Weight 68 g Degree of Protection Ethernet M12 × 1; 12-pin M12 × 1; 12-pin M12 × 1; 8-pin PNP NO/NC switchable 0 Ethernet PNP NO/NC switchable 0 PROFINET 0 Ethernet 0 PROFINET 0 Ethernet 0 PROFINET 0 Ethernet 0 PROFINET 0 Ethernet 0 PROFINET 0 Ethernet 0 A244 Suitable Connection Equipment No. 87	Resolution	2592 × 1944 Pixel
min. Resolution 0,08 mm Electrical Data Supply Voltage 530 V DC Current Consumption (Ub = 24 V) 150 mA Scan Rate 5 scans/sec Temperature Range 045 °C Switching Output Optoisolator Number of Switching Outputs 3 Switching Output/Switching Current 100 mA Reverse Polarity Protection yes Interface RS-232/Ethernet Trigger Input Optoisolator Signal Input Optoisolator Number of Signal Inputs 3 Mechanical Data Setting Method Ethernet Housing Material Metal Weight 68 g Degree of Protection Ethernet NI2 × 1; 12-pin N12 × 1; 3-pin PNP NO/NC switchable • PROFINET • Ethernet • PROFINET • Ethernet • PROFINET • Ethernet • PROFINET • Ethernet No. 39 Control Panel No. A224 Suitable Connection Equipment No. 87	Light Source	White Light
Bit of the section of t	Service Life (T = +25 °C)	50000 h
Supply Voltage530 V DCCurrent Consumption (Ub = 24 V)150 mAScan Rate5 scans/secTemperature Range045 °CSwitching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical Data3Mechanical DataEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65Connection EthernetM12 × 1; 12-pinNPN NO/NC switchable●PNP NO/NC switchable●PROFINET●EtherNet /IPTM●Connection Table No.39Control Panel No.87	min. Resolution	0,08 mm
Current Consumption (Ub = 24 V)150 mAScan Rate5 scans/secTemperature Range $045 ^{\circ}$ CSwitching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical Data3Setting MethodEthernetHousing MaterialMetalWeight68 gDegree of Protection EthernetM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchableImage: Connection Table No.Connection Table No.39Control Panel No.87	Electrical Data	
Scan Rate5 scans/secTemperature Range045 °CSwitching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical Data3Setting MethodEthernetHousing MaterialMetalWeight68 gDegree of Protection EthernetM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●Ethernet●PROFINET●Ethernet●PROFINET●Connection Table No.39Control Panel No.87	Supply Voltage	530 V DC
Temperature Range045 °CSwitching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical Data3Setting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●Ethernet●PROFINET●EtherNet/IPTM●Connection Table No.39Control Panel No.87	Current Consumption (Ub = 24 V)	150 mA
Switching OutputOptoisolatorNumber of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65Connection EthernetM12 × 1; 12-pinType of Connection Ethernet●NPN NO/NC switchable●Ethernet●PROFINET●Ethernet●Connection Table No.39Control Panel No.87	Scan Rate	5 scans/sec
Number of Switching Outputs3Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65Connection EthernetM12 × 1; 12-pinType of Connection Ethernet●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Temperature Range	045 °C
Switching Output/Switching Current100 mAReverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65Connection EthernetM12 × 1; 12-pinType of Connection Ethernet●NPN NO/NC switchable●Ethernet●PROFINET●Ethernet●Connection Table No.39Control Panel No.87	Switching Output	Optoisolator
Reverse Polarity ProtectionyesInterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65Connection EthernetM12 × 1; 12-pinType of Connection Ethernet●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Number of Switching Outputs	3
InterfaceRS-232/EthernetTrigger InputOptoisolatorSignal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection Ethernet●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Switching Output/Switching Current	100 mA
Trigger Input Optoisolator Signal Input Optoisolator Number of Signal Inputs 3 Mechanical Data Ethernet Setting Method Ethernet Housing Material Metal Weight 68 g Degree of Protection IP65 Connection M12 × 1; 12-pin Type of Connection Ethernet ● NPN NO/NC switchable ● Ethernet ● PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. 87	Reverse Polarity Protection	yes
Signal InputOptoisolatorNumber of Signal Inputs3Mechanical DataSetting MethodSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Interface	RS-232/Ethernet
Number of Signal Inputs3Mechanical DataSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Trigger Input	Optoisolator
Mechanical DataSetting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Signal Input	Optoisolator
Setting MethodEthernetHousing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●PNP NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Number of Signal Inputs	3
Housing MaterialMetalWeight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.87	Mechanical Data	
Weight68 gDegree of ProtectionIP65ConnectionM12 × 1; 12-pinType of Connection EthernetM12 × 1; 8-pinPNP NO/NC switchable●NPN NO/NC switchable●Ethernet●PROFINET●EtherNet/IP™●Connection Table No.39Control Panel No.A24Suitable Connection Equipment No.87	Setting Method	Ethernet
Degree of Protection IP65 Connection M12 × 1; 12-pin Type of Connection Ethernet M12 × 1; 8-pin PNP NO/NC switchable ● NPN NO/NC switchable ● Ethernet ● PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	Housing Material	Metal
Connection M12 × 1; 12-pin Type of Connection Ethernet M12 × 1; 8-pin PNP NO/NC switchable ● NPN NO/NC switchable ● Ethernet ● PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	Weight	68 g
Type of Connection Ethernet M12 × 1; 8-pin PNP NO/NC switchable Image: Connection Ethernet NPN NO/NC switchable Image: Connection Ethernet PROFINET Image: Connection Table No. Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	Degree of Protection	IP65
PNP NO/NC switchable ● PNP NO/NC switchable ● Ethernet ● PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	Connection	M12 × 1; 12-pin
NPN NO/NC switchable Ethernet PROFINET EtherNet/IP™ Connection Table No. Control Panel No. Suitable Connection Equipment No.	Type of Connection Ethernet	M12 × 1; 8-pin
Ethernet ● PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	PNP NO/NC switchable	
PROFINET ● EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	NPN NO/NC switchable	
EtherNet/IP™ ● Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	Ethernet	
Connection Table No. 39 Control Panel No. A24 Suitable Connection Equipment No. 87	PROFINET	
Control Panel No. A24 Suitable Connection Equipment No. 87	EtherNet/IP™	
Suitable Connection Equipment No. 87	Connection Table No.	39
	Control Panel No.	A24
Suitable Mounting Technology No. 430	Suitable Connection Equipment No.	87
	Suitable Mounting Technology No.	430

Complementary Products

Connection Cable ZCYV00x	
Optical Diffuser ZNNG030	
Path-Folding Mirror ZNNG028	
Polarization Filter ZNNG031	
Protective Housing ZSV-0x-01	
Replacement Disc ZNNG029	
Software	



