

Product-type designation

Code reader MV440 UR



SIMATIC MV440 UR CODE READER RESOLUTION: 1600 X 1200 PIXEL;
FOR 1D/2D CODES AND OCR;
FIELD OF VIEW AND DISTANCE: VARIABLE;
POE;
IP67 (MIT 6GF3440-8AC1X);
DELIVERY: READER,
CDROM AND PLASTIC-PROTECTION TUBE;
(WITHOUT: CABLE, LIGHTS, LENS, LICENSES)

Suitability for installation

1D codes: Int. 2/5, Code 128, Code 93, Code 39, Code 32, EAN 13, EAN 8, UPC-A, UPC-E, GS1, Pharmacode, Postnet, 2D codes: DMC, PDF417 (without: Truncated, Micro and Macro), QR (without: Micro and Macro), Vericode, text recognition: OCR-A, Semifont M13, similar fonts, code verification: AIM DPM-1-2006, Siemens DPM, ISO/IEC 15415, AS9132 Rev. A, ISO/IEC 16416

Interfaces

Design of the electrical connection

- the Industrial Ethernet Interface
- of RS 422 interface

M12, d-coded, PoE

M12, 8-pin

Number of digital inputs

5

Number of digital outputs

5

Design of digital inputs

4 opto isolated inputs (NPN, PNP capability) optionally as output, one high-speed trigger input

Design of digital outputs

4 isolated outputs optionally as input, short-circuit-proof, max. 50 mA, 1 high-speed trigger input for external lighting

Optical data

Design of image sensor / of camera

CCD chip 1/1.8", 1600 x 1200

Type of image capture

Global shutter with manual or automatic exposure time

Range

70 ... 3000 mm

Range / note

Using C-mount lenses and lens accessories, the range can be exactly matched to the application

Mounting type / of lens	C mount lens connection with Plexiglas lens protection, 65 mm diameter
Nature of fluorescent material	Integrated lighting or external lighting according to accessories list
Image acquisition frequency / maximum	25 Hz
Type of focusing	Manual adjustment on the lens
Supply voltage, current consumption, power loss	
Supply voltage / for DC	
• rated value	24 V
• minimum	19.2 V
• maximum	28.8 V
Consumed current / At 24 V / with DC	
• typical	0.27 A
• maximum	2 A
Stored energy time / supply voltage failure / minimum	0.01 s
Mechanical data	
Material	Die-cast aluminum
Color	petrol blue
Permitted ambient conditions	
Ambient temperature	
• during operating	0 ... 50 °C
• during storage	-30 ... +70 °C
• during transport	-30 ... +70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP67
Resistance against shock	According to IEC 60068-2
Resistance against shock	100 m/s ²
Resistance against vibration	10 m/s ²
Design, dimensions and weight	
Width	68 mm
Height	122 mm
Depth	45 mm
Net weight	0.55 kg
Mounting type	4 x M4 screws
Product properties, functions, components / general	
Product feature / silicon-free	Yes
Type of display	5 LEDs
Standards, specifications, approvals	
Verification of suitability	CE, KCC, F&B suitable, UL
MTBF	88 a

Accessories

Accessories

Licenses (verification and text recognition), mounting brackets, built-in ring lights, external ring lights, C-mount lenses, protective barrels for lenses

letzte Änderung:

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