

## Data sheet

## 6GF3550-0CD10

### product type designation



### Code Reader MV550 S

SIMATIC MV550 S optical reader resolution: 800x600 px; 2x Ethernet:100 MB(POE),GigE !No switch => data separation!; Function: 1D/2D code reading; Image field and distance: variable (depends on lens); PoE; IP67 with 6GF3540-8ADxx; Delivery: Reader and SD card adapter (without card);

### suitability for operation

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, dot code, PDF417 (without: Truncated, Micro and Macro), Q R (without: Micro and Macro), verification uncalibrated

### interfaces

#### type of electrical connection

- of Industrial Ethernet interface
- of the RS 422 interface
- of the RS 232 interface
- for supply voltage
- at the digital inputs/outputs

M12, d-coded, PoE  
M12, 12-pin, male  
M12, 12-pin, male  
M12, 12-pin, male  
M12, 12-pin, male

number of digital inputs

1

number of digital outputs

3

digital input version

1 fast trigger input

digital output version

1 fast strobe output, 2 potential-free outputs (NPN- PNP-capable)

### optical data

design of image sensor / of the camera

CMOS-Chip, 800 x 600

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

fastening method / of lens

C-mount lens connection

type of light source

Integrated lighting or external lighting according to accessories list

picture recording frequency / maximum

100 Hz

code reading rate / maximum

80 1/s

type of focusing

Manual adjustment on the lens

### supply voltage, current consumption, power loss

supply voltage / at DC

24 V

- rated value
- 

19.2 ... 28.8 V

consumed current / at DC / at 24 V

0.2 A

- typical
- maximum

2 A

buffering time / in the event of power failure / minimum

0.01 s

### mechanical data

material

Die-cast aluminum

color

petrol blue

### ambient conditions

ambient temperature

50 °C

- during operation

• during storage	-30 ... +70 °C
• during transport	-30 ... +70 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP67
shock resistance	According to IEC 60068-2
shock acceleration	300 m/s <sup>2</sup>
vibrational acceleration	40 m/s <sup>2</sup>
<b>design, dimensions and weights</b>	
width	68 mm
height	122 mm
depth	45 mm
net weight	0.55 kg
fastening method	4 x M4 screws
<b>product features, product functions, product components / general</b>	
display version	7 LEDs
protocol / is supported / Media Redundancy Protocol (MRP)	No
product function / of the PROFINET IO device / is supported / H-Sync forwarding	No
protocol / is supported	
• LLDP	Yes
• PROFINET IO protocol	Yes
• TCP/IP	Yes
• SNMP v1	Yes
• SNMP v2	No
• SNMP v3	No
• DCP	Yes
• EtherNet/IP protocol	No
• OPC UA	No
product feature / silicon-free	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	CE, NuG suitable
MTBF	66 a
reference code	
• according to IEC 81346-2:2019	BYC
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
Global Warming Potential [CO <sub>2</sub> eq]	
• total	177.46 kg
• during manufacturing	27.19 kg
• during operation	150.2 kg
• after end of life	0.07 kg
<b>accessories</b>	
accessories	mounting brackets, built-in ring lights, external ring lights, E-focus lens, C-mount lenses, protective barrels for lenses
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to web page: identification and localization systems	<a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>
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