

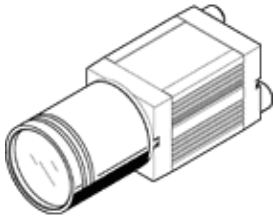
Compact Vision System SBOC-Q-R2C

Part number: 551022
Product to be discontinued

FESTO

Compact vision system with color CMOS-sensor 2/3", Resolution 1280*1084 Pixel, Ethernet interface 100 Mbit/s, integrated CoDeSys PLC.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|--|--|
| Sensor resolution | 1280 x 1024 Pixel (SXGA) |
| Lens attachment | CS mount (C mount with lens protection tubing) |
| Field of vision | Dependent on the selected lens |
| Width | 45 mm |
| Height | 45 mm |
| Length | 139.4 mm |
| Inputs | Input 1: trigger signal, Input 2: accept inputs |
| Max. no. of different orientations | 8 per part type |
| Max. no. of test programs | 256 |
| Sorting function | Up to 16 types/test programs |
| Outputs | Output 1: operational, output 2 and output 3 can be parameterized: good part, reject part, correctly oriented, incorrectly oriented, external illumination |
| Max. residual current | 1.5 A on the 24 V outputs |
| Nominal operating voltage DC | 24 V |
| Current consumption with load-free outputs | 120 mA |
| Permissible voltage fluctuation | +/- 10 % |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Storage temperature | -10 ... 60 °C |
| Protection class | IP65 IP67 |
| Ambient Conditions | Screening from extreme external light sources Cleanest possible ambient air |
| Ambient temperature | -10 ... 50 °C |
| Authorization | C-Tick c UL us - Recognized (OL) |
| Product weight | 182 g |
| Exposure time | 8 µs ... 1,000 ms |
| Image rate (frame) | 27 fps |
| Sensor type | color |
| Operating distance | Dependent on the selected lens |
| Ethernet, data transmission speed | 100 Mbit/s |
| Ethernet, supported protocols | TCP/IP, EasyIP, Telnet, ModbusTCP |
| Ethernet, connector plug | Plug M12 |
| Fieldbus interface, connection technology | Plug M12 |
| Ethernet, bus interface | IEEE802.3U (100BaseT) |
| Fieldbus interface | CAN |
| Fieldbus interface, supported protocols | CP fieldbus |
| Materials note | Free of copper and PTFE Conforms to RoHS |

| Feature | Value |
|---------------------------------|-------------------------------|
| Materials information for cover | ABS glass fiber reinforced |
| Materials information, housing | Aluminum Anodized |