

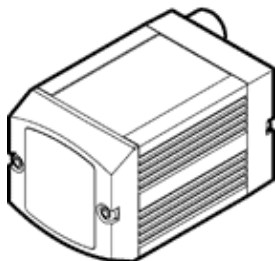
# compact vision system

## SBOI-Q-R3B-WB

Part number: 555839

FESTO

Compact vision system with monochrome CMOS-sensor 1/3", Resolution 752\*480 Pixel, Ethernet interface 100 Mbit/s, integrated lens, white LED illumination, integrated CoDeSys PLC.



### Data sheet

Feature	Value
Sensor resolution	752 x 480 Pixel (WideVGA)
Lens attachment	Built-in optical devices
Field of vision	7,9 x 5,5 mm - 195 x 125 mm
Width	45 mm
Height	45 mm
Length	83.7 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
Outputs	Output 1: operational, output 2 and output 3 can be parametrised: 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 %
Authorisation	C-Tick c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
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
Product weight	174 g
Exposure time	18 µs ... 200 ms
Image rate (frame)	60 fps
Sensor type	monochrome
Operating distance	20 ... 550 mm
Ethernet, data transmission speed	100 Mbit/s
Ethernet, supported protocols	TCP/IP, EasyIP, Telnet, ModbusTCP
Ethernet, connector plug	Plug M12
Ethernet, bus interface	IEEE802.3U (100BaseT)
Materials note	Free of copper and PTFE Conforms to RoHS
Material cover	ABS glass fibre reinforced
Material housing	Aluminium Anodised