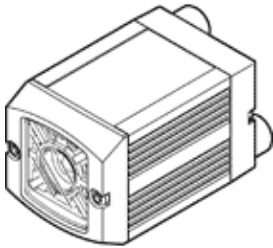


Compact Vision System SBOI-Q-R1C

Part number: 548316

FESTO

For type identification, position and rotation detection, and 2-D quality testing of moving and stationary parts.



Data sheet

Feature	Value
Sensor resolution	640 x 480 Pixel (VGA)
Lens attachment	Built-in optical devices
Field of vision	14 x 10 mm - 520 x 390 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
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	184 g
Exposure time	39 µs ... 1,000 ms
Image rate (frame)	150 fps
Sensor type	color
Operating distance	22 ... 1,000 mm
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
Materials information for cover	ABS glass fiber reinforced
Materials information, housing	Aluminum Anodized