

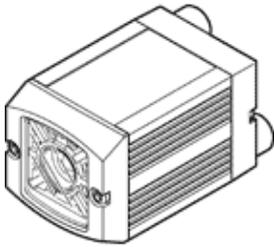
# Compact Vision System

## SBOI-M-R1B

Part number: 541395

FESTO

for mounting and visualising fast movements, integrated optics.



## 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
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 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
Authorisation	C-Tick c UL us - Recognized (OL)
Product weight	184 g
Exposure time	40 µs ... 1,000 ms
Image rate (frame)	185 fps
Sensor type	monochrome
Operating distance	22 ... 1,000 mm
Ethernet, data transmission speed	100 Mbit/s
Ethernet, supported protocols	TCP/IP
Ethernet, connector plug	Plug M12
Ethernet, bus interface	IEEE802.3U (100BaseT)
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for cover	ABS glass fibre reinforced
Materials information, housing	Aluminium Anodised