

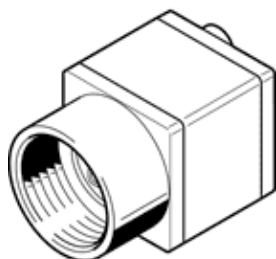
# camera head

## SBPB-R9B-U3-1E1A-C

Part number: 8066470  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2025. See Support Portal for alternative products.



### Data sheet

| Feature                                 | Value   |
|---|---|
| Sensor resolution                       | 2456 x 2054 pixels (5 MPix)   |
| Lens attachment                         | C-Mount   |
| Field of vision                         | Dependent on the selected lens  |
| Width                                   | 29 mm   |
| Height                                  | 29 mm   |
| Length                                  | 49 mm   |
| Mounting type                           | With mounting kit   |
| Nominal operating voltage DC            | 5 V   |
| Electrical power consumption            | 2.3 ... 3 W   |
| Permissible voltage fluctuation         | +/- 5 %   |
| KC mark                                 | KC-EMV  |
| CE mark (see declaration of conformity) | to EU directive for EMC   |
| PWIS conformity                         | VDMA24364-B2-L  |
| Storage temperature                     | -20 ... 60 °C   |
| Relative air humidity                   | 20 - 80 %   |
| Protection class                        | IP30  |
| Note on degree of protection            | in assembled condition  |
| Ambient Conditions                      | Screening from extreme external light sources<br>Cleanest possible ambient air<br>Dry |
| Ambient temperature                     | 0 ... 40 °C   |
| Product weight                          | 52 g  |
| Exposure time                           | 27 µs ... 999 ms  |
| Image rate (frame)                      | 36 fps  |
| Sensor type                             | monochrome  |
| Operating distance                      | Dependent on the selected lens  |
| USB interface, function                 | Power supply<br>Communication   |
| USB interface, connection type          | Plug socket   |
| USB interface, connection technology    | USB 3.0 type B micro  |
| USB interface, number of pins/wires     | 10  |
| Input/output interface, function        | No function   |
| Materials note                          | Conforms to RoHS  |
| Material housing                        | Anodised wrought aluminium alloy  |