

# Datasheet

As of 02/08/2024

## Article number: 1120 - BIT SCR Shell Color Reader

|                 |                                                                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor:         | Three-color sensor, the red-green and blue components of the light reflected by an eggshell are measured.                                             |
| Light source:   | White LED - 4150K (light color in Kelvin)                                                                                                             |
| Power supply:   | USB, current consumption approx. 20mA @ 5V                                                                                                            |
| Speed:          | 3 measurements per second<br>Measurement is triggered by pressing a button.                                                                           |
| Data interface: | USB (virtual serial port)<br>Data evaluation takes place on a PC. Results are given as RGB, L*a*b* and reflection index (0-100%).                     |
| Dimensions:     | Diameter 38mm, length 108 (+cable gland), cable length approx. 2m. USB type A connection<br>The cable is permanently connected to the measuring head. |
| Case:           | color black, material nylon.                                                                                                                          |

