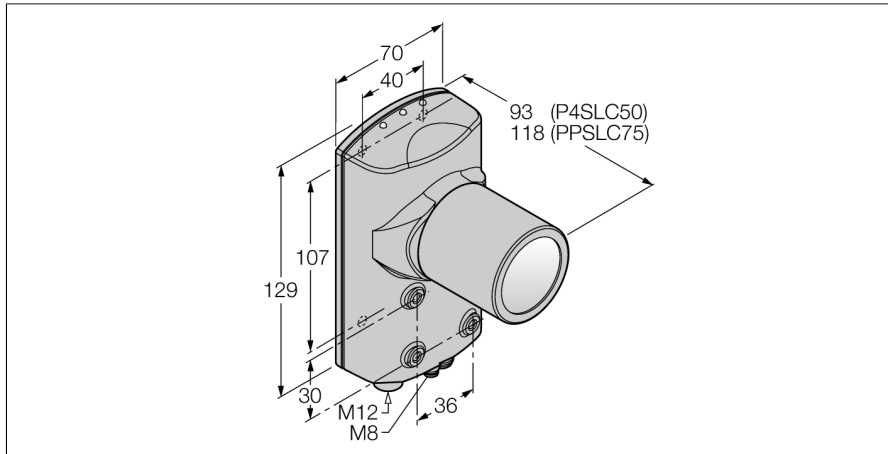


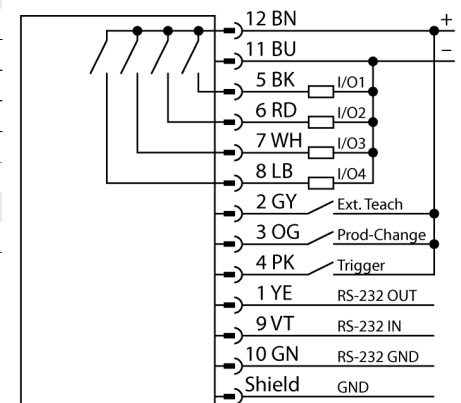
# Image Processing Camera with Integrated Analysis P4O1.3RS-BCOC



|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| Type                             | P4O1.3RS-BCOC                                            |
| ID                               | 3010431                                                  |
| <b>Camera data</b>               |                                                          |
| Function                         | Multifunctional                                          |
| Resolution                       | 1280 × 1024 pixels                                       |
| Special features                 | Wash down                                                |
| <b>Electrical data</b>           |                                                          |
| Operating voltage $U_s$          | 10...30 VDC                                              |
| DC rated operating current $I_s$ | ≤ 550 mA                                                 |
| Communication protocol           | EtherNet/IP<br>Modbus TCP<br>Modbus TCP<br>PCCC<br>RS232 |
| Output function                  | NO contact, PNP/NPN                                      |
| Power on display                 | LED, Green                                               |
| Switching state                  | LED, Green                                               |
| Error indication                 | LED, red                                                 |
| <b>Mechanical data</b>           |                                                          |
| Design                           | Right-angled, P4                                         |
| Housing material                 | Metal, Nickel-plated aluminum                            |
| Electrical connection            | Connector, M12 × 1, 12-wire                              |
| Ambient temperature              | 0...+50 °C                                               |
| Protection class                 | IP68                                                     |
| <b>Tests/approvals</b>           |                                                          |
| Approvals                        | CE                                                       |

- Full scope of function, AREA, EDGE and GEO
- 2/3" CMOS, 752x480 pixels
- 256 gray scale values
- One-piece design with camera and integrated controller
- Lens connection vertical to longitudinal axis of housing
- Protection class IP68
- Lens to be ordered separately
- Operating voltage: 10...30 VDC via M12 x 1 male, 12-pin
- External trigger input
- External strobe output, M8x1, 3-pin
- Ethernet/IP and Modbus TCP interface, M12x1, 8-pin
- RS232 data communication
- Video input

## Wiring Diagram



## Functional principle

The camera system PresencePLUS P4 consists of a camera with an integrated processing unit. Lens, lighting and connection cable are to be ordered separately. Freeware and firmware updates are available for download on:

[www.bannerengineering.com](http://www.bannerengineering.com)