

## LCA-4TR-50-160-AP-156560 (Order no. 156560)

### Light curtain LCA-4TR-50-160

- ▶ Resolution 50 mm
- ▶ Protective field height 160 mm
- ▶ Range 12 m
- ▶ With plug connector M12
- ▶ 2 safety outputs (OSSD)
- ▶ Installation material is included with the product



### Protective function



Body protection (arms/legs)

### LED function display



Transmitter



Receiver

- LED OK      Normal operation
- LED ERROR   Fault state
- LED STOP   Stop state
- LED TEST   Test function
- LED START   Start/restart

Connector assignment, transmitter

| Plug connector (view of connection side) | Pin | Designation | Function                                                          | Connecting cable conductor coloring |
|------------------------------------------|-----|-------------|-------------------------------------------------------------------|-------------------------------------|
|                                          | 1   | 24 V DC     | Operating voltage, 24 V DC                                        | BN                                  |
|                                          | 2   | RANGE 0     | Device configuration, corresponds to the standard EN 61131-2      | WH                                  |
|                                          | 3   | 0 V DC      | Operating voltage, 0 V DC                                         | BU                                  |
|                                          | 4   | RANGE 1     | Device configuration, corresponds to the standard EN 61131-2      | BK                                  |
|                                          | 5   | FE          | Functional earth (must be connected to meet the EMC requirements) | GY                                  |

## Connector assignment, receiver

| Plug connector (view of connection side)                                          | Pin | Designation       | Function                                                          | Connecting cable conductor coloring |
|-----------------------------------------------------------------------------------|-----|-------------------|-------------------------------------------------------------------|-------------------------------------|
|  | 1   | FO1A              | Safety output, channel 1                                          | WH                                  |
|                                                                                   | 2   | 24 V DC           | Operating voltage, 24 V DC                                        | BN                                  |
|                                                                                   | 3   | FO1B              | Safety output, channel 2                                          | GN                                  |
|                                                                                   | 4   | K1_K2/<br>RESTART | Feedback external contactors                                      | YE                                  |
|                                                                                   | 5   | SEL_A             | Device configuration                                              | GY                                  |
|                                                                                   | 6   | SEL_B             | Device configuration                                              | PK                                  |
|                                                                                   | 7   | 0 V DC            | Operating voltage, 0 V DC                                         | BU                                  |
|                                                                                   | 8   | FE                | Functional earth (must be connected to meet the EMC requirements) | RD                                  |