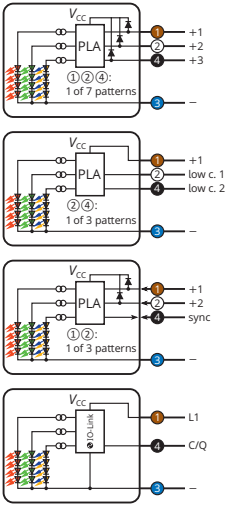
XECRO
sensing ahead




PLA: programmable logic array

25 months

## WARRANTY

Our products are manufactured to stringent ISO9001 European standards to ensure that our customers only receive the best quality. If any technical problem arises up to 25 months after the purchase, we will repair or replace defective products at our discretion.

Quality Management ISO 9001:2015

**Mounting Instructions**

- ⚠ Always operate the button switch within its specifications.
- ⚠ Use a proper power supply with adequate line regulation and good ground connection.
- ⚠ Avoid operating the button switch near strong magnetic or EMI fields.
- ⚠ The output state of the button switch is undefined during the first 400 ms of the start-up sequence.
- ⚠ Do not exceed the tightening torque when mounting the button switch.
- ⚠ Fasten permanently the cable connections to prevent movements for long-term stable operation.
- ⚠ Never use acid or alkaline cleaning agents, scouring agent, or hard brushes.

**Maximum tightening torques**

Nickel plated brass
- M18 = 35 Nm
- M30 = 75 Nm

Stainless steel
- M18 = 48 Nm
- M30 = 90 Nm

Zinc die-cast
- M18 = 35 Nm
- M30 = 75 Nm

Connector M12


CE UKCA

## ML, SD

This pilot LED light or beacon is not intended or suitable for use in life saving systems. This device **SHALL NOT** be used in life support devices or other application that protects, supports, or sustains life. Failure of such component to perform can be reasonably expected and result in significant bodily injure.

30827 Garbsen, Germany • +49.5131.97791-0 • **http://xecro.com/sd .../mls**

# COLOR MODES AND BLINK PATTERNS (PROGRAMS)
## LED BEACONS AND PILOTS

Program descriptions, IO-Link mode documentation, and IODD-file on http://xecro.com/sd resp. http://xecro.com/mls

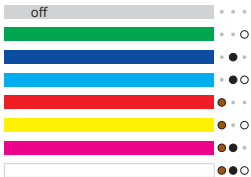
IO-Link
Universal · Smart · Easy

Three IO-Link modes:

1. **Switching IO mode**: You can select or define a persistent program by IO-Link and then operate the LED indicator without an IO-Link device.
2. **IO-Link standard mode**: You can select or define a program and use that program by IO-Link.
3. **IO-Link direct mode**: You control the color (24 bit RGB) and the sound (if available) at each moment by a 32 bit value.

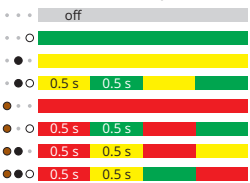
### 001 R-G-B, mixed colors

Activating more than one primary color at the same time results in mixed colors.




### 002 R-Y-G alternating

When more than one color is activated at the same time, then the selected colors cycle.

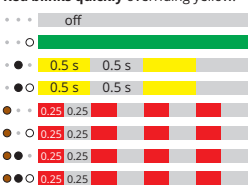



### 003 R-Y-G with prioritized inputs

Green can remain activated permanently.
Yellow overrides green.
Red overrides yellow.

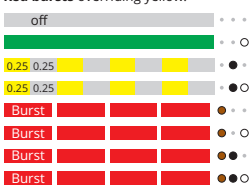

### 004 R-Y-G with prioritized inputs

Green can remain activated permanently.
**Yellow blinks slowly** overriding green.
**Red blinks quickly** overriding yellow.



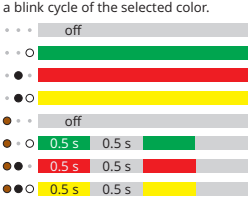

### 005 R-G-B with prioritized inputs

Green can remain activated permanently.
**Yellow blinks quickly** overriding green.
**Red bursts** overriding yellow.




### 018 R-Y-G with blink enable

Red, yellow, or green.
A signal at pin 1 (BR) generates a blink cycle of the selected color.




### 019 R-G-B with blink enable

Red, green, or blue.
A signal at pin 1 (BR) generates a blink cycle of the selected color.