



## Beacon FL-02



### Technical parameters:

|   |                         |
|---|-------------------------|
| Operating voltage                       | 1+PE+N 230 V, 50 Hz     |
|   | 3 bushings M25x1.5 Ip68 |
| Protection according to CSN 332000-4-41 |                         |
| Distribution system                     | TN-S                    |
| Operation mode                          | Permanent light         |
| Protection                              | IP65                    |
| Operation                               | Unattended              |
| Weight                                  | 1.45 kg                 |
| Dimensions                              | 130x170x170             |
| Protection against atmospheric faults   | By earth                |
| Ambient temperature                     | - 20°C to 60°C          |

### Equipment necessary for the system commencement:

The device only needs the presence of the supply voltage to operate.

The FL-02 beacon serves for optical signalling of a single operating status such as operation, travel, opened door, stop, warning, danger, etc. at machines or systems in production processes. It is usually situated near the source of the indicated phenomenon.

### Description

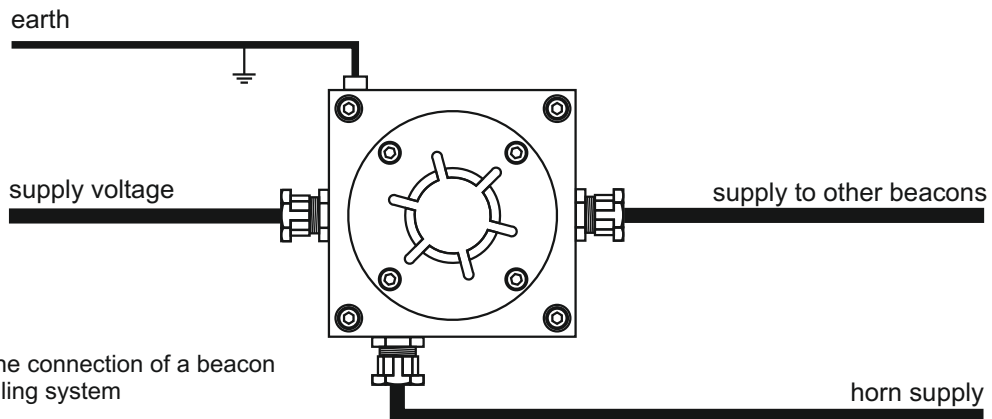
The beacon is installed in a SSe10 type cabinet supplemented by a welded steel basket fixed to the cabinet cover due to the mechanical protection of optical components of the beacon.

The beacon cabinet contains electronics serving for the operation of optical indication and terminal blocks for branching the supply to other types of electrical equipment such as subsequent beacons or horns.

\*The required colour of the emitted light must be specified adequately to the nature of the indicated status (green, red, yellow).

The beacon operates in the mode of permanent light if the supply voltage of 1F/230V/50 Hz is delivered. It also serves as a branching multiple cabinet to other pieces of equipment with the supply voltage of 1F/230V/50 Hz. The internal connection is carried out using H05V-K (CYA) conductors with the cross-section of 1 mm<sup>2</sup>. The cross-section of line-in conductors (or conductors to other electrical devices) must range from 1 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

The beacon is attached to a solid flat base by four M6 screws. A location with the minimum mechanical and heat stress should be selected.



Example: The connection of a beacon in the signalling system

**The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.**