

Code: GENIUS-VEGA/BUS

## PHOTOCELL **GENIUS-VEGA/BUS** TXRX SET FAAC

Photocells are designed for cooperation with gate automation systems. The GENIUS-VEGA/BUS photocells have a self-aligning function. The set includes transmitter and receiver.

An infra-red beam is sent to the receiver from the transmitter. If an object appears in the field of the created barrier (eg a car or a man), the photocell will react by sending a signal to change the state at the control unit input.

The devices are resistant to moisture penetration, equipped with a housing that protects against unwanted exposure to sunlight.



|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam width:            | $\pm 7^\circ @ 15 \text{ m}$ ,<br>$\pm 13^\circ @ 5 \text{ m}$                                                                                                                                                                                                                                                                                                                                                                               |
| Operation range:       | 15 m                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Response time:         | 20 ms                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 24 V DC - Control panel BUS (G-Way)                                                                                                                                                                                                                                                                                                                                                                                                          |
| Current consumption:   | <ul style="list-style-type: none"> <li>• 10 mA Transmitter</li> <li>• 10 mA Receiver</li> </ul>                                                                                                                                                                                                                                                                                                                                              |
| Main features:         | <ul style="list-style-type: none"> <li>• Cooperation with the GENIUS gate automation system</li> <li>• Possibility to install up to 16 pairs of photocells on the same automation system</li> <li>• Self-aligning function</li> <li>• Modulated Infra-Red stream</li> <li>• Compactness tool</li> <li>• Surface/column mounting</li> <li>• Immunity to environmental changes</li> <li>• EN 12453 compliance - D type - Category 3</li> </ul> |
| Housing:               | Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection": | IP54                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color:                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                                        |



## DATA SHEET

|                       |                                         |
|-----------------------|-----------------------------------------|
| Operation temp:       | -20 °C ... 55 °C                        |
| Weight:               | 0.042 kg Transmitter / Receiver         |
| Dimensions:           | 105 x 35 x 25 mm Transmitter / Receiver |
| Manufacturer / Brand: | FAAC / GENIUS                           |
| Guarantee:            | 2 years                                 |