

Code: GENIUS-VEGA/WRL

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

Photocells are designed for cooperation with gate automation systems. Wireless. The GENIUS-VEGA/WRL 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:	$\pm 7^\circ @ 15 \text{ m}$ , $\pm 13^\circ @ 5 \text{ m}$
Operation range:	15 m
Response time:	40 ms
Power supply:	<ul style="list-style-type: none"> <li>• 12 ... 24 V AC/DC / Battery : 3 V CR2 (not included) Transmitter,</li> <li>• 12 ... 24 V AC/DC Receiver</li> </ul>
Current consumption:	<ul style="list-style-type: none"> <li>• 5 mA @ 24 V DC / 40 <math>\mu</math>A Battery Transmitter</li> <li>• 30 mA Receiver</li> </ul>
Number of relay outputs:	1
Output:	1 x NC
Main features:	<ul style="list-style-type: none"> <li>• Cooperation with the GENIUS gate automation system</li> <li>• Self-aligning function,</li> <li>• Wireless - 4 Channels</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>



# DATA SHEET

Housing:	Plastic
"Index of Protection":	IP54
Color:	Black
Operation temp:	-20 °C ... 55 °C
Weight:	<ul style="list-style-type: none"><li>• 0.040 kg Transmitter</li><li>• 0.044 Receiver</li></ul>
Dimensions:	105 x 35 x 25 mm Transmitter / Receiver
Manufacturer / Brand:	FAAC / GENIUS
Guarantee:	2 years