

Code: FAAC-XP20WD

## PHOTOCELL **FAAC-XP20WD** TXRX SET

Photocells are designed for cooperation with gate automation systems. Wireless. The photocells have the ability to adjust the angle horizontally. 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:              | ± 7 ° @ 20 m ,<br>± 13.5 ° @ 5 m  |
| Operation range:         | <ul style="list-style-type: none"> <li>• 20 m,</li> <li>• 10 m Battery</li> </ul>   |
| 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 µA 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 FAAC gate automation system</li> <li>• Angle adjustment range ± 90 ° horizontal,</li> <li>• Wireless - 4 Channels,</li> <li>• Possibility to install up to 4 pairs of photocells on the same automation system</li> <li>• Protection from interference produced by external light sources (such as vehicle LED headlights)</li> <li>• Surface/column mounting</li> <li>• Immunity to environmental changes</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>• 0.070 kg Transmitter</li><li>• 0.076 Receiver</li></ul> |
| Dimensions:            | 130 x 42 x 41 mm Transmitter / Receiver   |
| Manufacturer / Brand:  | FAAC  |
| Guarantee:             | 2 years   |