



## XP 20 D Adjustable photocells

**FAAC**  
*Simply automatic.*



# XP 20 D

## XP 20 D ADJUSTABLE PHOTOCELLS D TYPE DEVICE (EN 12453)

The new XP 20 D adjustable photocells comprise a transmitter and a modulated infra-red receiver with a range of up to 20 m. The obstruction of the light beam causes the receiver status to change.



### SIMPLICITY AND VERSATILITY OF INSTALLATION

The new XP 20 D photocells, both wall-mounted and column-mounted, allow the mechanical reduction of the beam along the horizontal axis of 180° (-90° +90°) and feature a vertical optical self-alignment function which is particularly useful when the area to protect is not entirely flat.

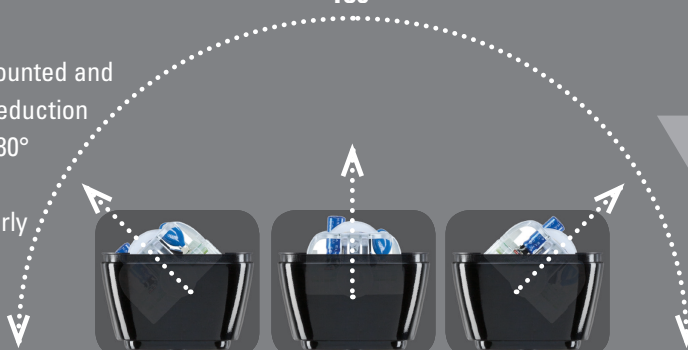
### PERFECT IN ANY ARCHITECTURAL CONTEXT

Extremely compact size: 41 x 130 x 42 mm. Possibility of cable inlet both from the rear and from the underside of the casing (16 mm) and of column-mounting.

### SUPERIOR PROTECTION

Mould seal on the casing, so there is no risk of it being removed or fitted incorrectly, thereby ensuring the IP54 protection class.

180°



### ACCURATE AND RELIABLE ADJUSTMENT

The photocell is housed in a swivel support fitted with a high-performance lens designed to optimise the efficiency of the beam in any direction. The swivel support is locked in the desired position thanks to a hard-wearing quick-fit swivel lock (which can be removed with a screwdriver where necessary).



# THREE VERSIONS TO ACCOMMODATE ALL REQUIREMENTS



## XP 20 D

System with traditional 24V transmitter and receiver power supply.



## XP 20B D

System with BUS **2easy** power supply, just two 24V non-polarized wires, possibility of installing up to 16 pairs of photocells on the same system and protection from interference produced by external light sources (such as vehicle LED headlights).



## XP 20W D

System with traditional 12/24V receiver power supply and traditional or battery-operated transmitter power supply. It avoids having to lay a cable to the transmitter (battery) and features selectable channels which allows the installation of up to 4 pairs of photocells and protection from interference produced by external light sources (such as vehicle LED headlights).



TECHNICAL SPECIFICATIONS	XP 20 D	XP 20B D	XP 20W D
Power supply voltage	24V $\overline{\text{---}}$ / 24V~	via BUS 2easy, two 24V non-polarized wires $\overline{\text{---}}$	Rx: 12-24V~ / V $\overline{\text{---}}$ Tx: 12-24V~ / $\overline{\text{---}}$ or battery-operated (3 VcR2 - not included)
Nominal range	20 m	20 m	20 m
Type of installation	wall-mounted	wall-mounted	wall-mounted
Dimensions (LxHxD)	41 x 130 x 42 mm	41 x 130 x 42 mm	41 x 130 x 42 mm
Horizontal adjustment angle	-90° +90°	-90° +90°	-90° +90°
Self-alignment angle	$\pm 7^\circ$ (20m) $\pm 13.5^\circ$ (5m)	$\pm 7^\circ$ (20m) $\pm 13.5^\circ$ (5m)	$\pm 7^\circ$ (20m) $\pm 13.5^\circ$ (5m)
Obstacle detection time	13ms	20ms	40ms
Absorbed current	Rx (30mA) + Tx (20mA)	Rx (10mA) + Tx (10mA)	Rx (30mA) + Tx (40mA battery-operated or 5mA at 24V $\overline{\text{---}}$ )
Protection class	IP54	IP54	IP54
Max contact capacity	60VA/24W		
Operating room temperature	-20°C ÷ +55°C	-20°C ÷ +55°C	-20°C ÷ +55°C
		<b>Possibility of installing up to 16 pairs of photocells on the same system</b>	<b>Possibility of installing up to 4 pairs of photocells on the same system</b>

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