



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.

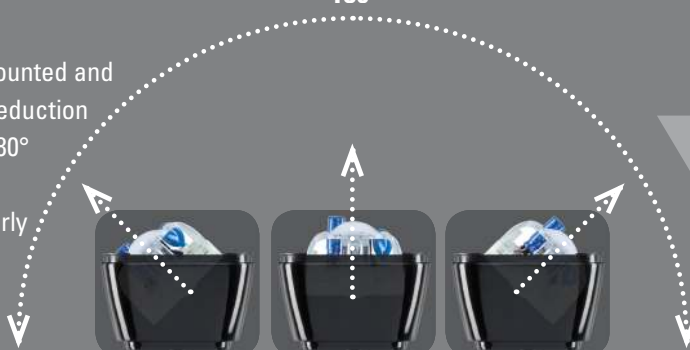
PERFECT IN ANY ARCHITECTURAL CONTEXT

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 --- / 24V~	via BUS 2easy, two 24V non-polarized wires ---	Rx: 12-24V~ / V --- Tx: 12-24V~ / --- 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	±7° (20m) ±13.5° (5m)	±7° (20m) ±13.5° (5m)	±7° (20m) ±13.5° (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 ---)
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
		Possibility of installing up to 16 pairs of photocells on the same system	Possibility of installing up to 4 pairs of photocells on the same system

HEADQUARTERS

ITALY

FAAC SpA
Via Calari 10 - 40069 Zola Predosa (BO)
Tel. +39 051 61724 - Fax +39 051 758518
it.info@faacgroup.com - www.faacgroup.com

SUBSIDIARIES

ASIA - PACIFIC

FAAC MALAYSIA
Selangor, Malaysia
tel. +60 3 5123 0033
www.faac.international

AUSTRALIA

FAAC AUSTRALIA PTY LTD
Homebush – Sydney, Australia
tel. +61 2 87565644
www.faac.com.au

AUSTRIA

FAAC GMBH
Salzburg, Austria
tel. +43 662 8533950
www.faac.at

FAAC TUBULAR MOTORS
tel. +49 30 56796645
faactm.info@faacgroup.com
www.faac-tubularmotors.com

BENELUX

FAAC BENELUX NV/SA
Brugge, Belgium
tel. +32 50 320202
www.faacbenelux.com

FAAC TUBULAR MOTORS
7007 CN Doetinchem, The Netherlands
tel. +31 475 406014
faactm.info@faacgroup.com
www.faac-tubularmotors.com

KEMKO AUTOMATIC ENTRANCES
7007 CN Doetinchem, The Netherlands
tel. +31 314 378777
www.kemko.nl

BRAZIL

INDÚSTRIAS ROSSI ELETROMECAÂNICA SA
Brasília DF, Brazil
tel. +55 61 33998787
www.rossiportoes.com.br

CHINA

FAAC SHANGHAI
Shanghai, China
tel. +86 21 68182970
www.faacgroup.cn

FRANCE

FAAC FRANCE
Saint Priest - Lyon, France
tel. +33 4 72218700
www.faac.fr

FAAC FRANCE - AGENCE PARIS
Massy - Paris, France
tel. +33 1 69191620
www.faac.fr

FAAC FRANCE - DEPARTEMENT VOILETS
Saint Denis de Pile - Bordeaux, France
tel. +33 5 57551890
www.faac.fr

GERMANY

FAAC GMBH
Freilassing, Germany
tel. +49 8654 49810
www.faac.de

FAAC TUBULAR MOTORS
tel. +49 30 56796645
faactm.info@faacgroup.com
www.faac-tubularmotors.com

INDIA

FAAC INDIA PVT. LTD
Noida – Delhi, India
tel. +91 120 3934100/4199
www.faacindia.com

IRELAND

NATIONAL AUTOMATION LTD
Co. Roscommon, Ireland
tel. +353 71 9663893
www.nal.ie

MIDDLE EAST

FAAC MIDDLE EAST FZE
Dubai Silicon Oasis Operation Center - Dubai, UAE
tel. + 971 4 3724190
www.faac.ae

SCANDINAVIA

FAAC NORDIC AB
Perstorp, Sweden
tel. +46 435 779500
www.faac.se

POLAND

FAAC POLSKA SP. Z O.O
Warszawa, Poland
tel. +48 22 8141422
fax +48 22 8142024
www.faac.pl

RUSSIA

FAAC RUSSIA
Moscow, Russia
tel. +7 (495) 646 24 29
www.faac.ru

SOUTH AFRICA

FAAC SOUTH AFRICA
2040 Johannesburg
tel. +27 11 794 4525
www.faac.international

SPAIN

CLEM, S.A.U.
San Sebastián de los Reyes - Madrid, Spain
tel. +34 91 3581110
www.faac.es

SWITZERLAND

FAAC AG
Altdorf, Switzerland
tel. +41 41 8713440
www.faac.ch

TURKEY

FAAC OTOMATİK GEÇİŞ SİSTEMLERİ
SAN. VE TİC. LTD. SİRTEKİ
İstanbul, Turkey
tel. +90 (0)212 - 3431311
www.faac.com.tr

UNITED KINGDOM

FAAC UK LTD.
Basingstoke Hampshire, UK
tel. +44 1256 318100
www.faac.co.uk

U.S.A.

FAAC INTERNATIONAL INC
Rockledge, FL - U.S.A.
tel. +1 866 925 3222
www.faacusa.com

FAAC INTERNATIONAL INC
Fullerton, California - U.S.A.
tel. +1 714 446 9800
www.faacusa.com

