

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

AUSTRALIA

FAAC AUSTRALIA PTY LTD
Homebush – Sydney, Australia
tel. +61 2 87565644
fax +61 2 87565677
www.faac.com.au

AUSTRIA

FAAC GMBH
Salzburg, Austria
tel. +43 662 8533950
fax +43 662 85339525
www.faac.at

FAAC TUBULAR MOTORS

tel. +49 30 56796645
fax +49 30 22409006
faactm.info@faacgroup.com
www.faac-tubularmotors.com

BENELUX

FAAC BENELUX NV/SA
Brugge, Belgium
tel. +32 50 320202
fax +32 50 320242
www.faacbenelux.com

FAAC TUBULAR MOTORS

Schaapweg 30
NL-6063 BA Vlodrop, Netherlands
tel. +31 475 406014
fax +31 475 406018
faactm.info@faacgroup.com
www.faac-tubularmotors.com

BRAZIL

INDÚSTRIAS ROSSI ELETROMECÂNICA SA
Brasília DF, Brazil
tel. +55 61 33998787
fax +55 61 34046020
www.rossiportoes.com.br

CHINA

FAAC SHANGHAI
Shanghai, China
tel. +86 21 68182970
fax +86 21 68182968
www.faacgroup.cn

FRANCE

FAAC FRANCE
Saint Priest - Lyon, France
tel. +33 4 72218700
fax +33 4 72218701
www.faac.fr

FAAC FRANCE - AGENCE PARIS

Massy - Paris, France
tel. +33 1 69191620
fax +33 1 69191621
www.faac.fr

FAAC FRANCE - DEPARTEMENT VOLETS

Saint Denis de Pile - Bordeaux, France
tel. +33 5 57551890
fax +33 5 57742970
www.faac.fr

GERMANY

FAAC GMBH
Freilassing, Germany
tel. +49 8654 49810
fax +49 8654 498125
www.faac.de

FAAC TUBULAR MOTORS

tel. +49 30 56796645
fax +49 30 22409006
faactm.info@faacgroup.com
www.faac-tubularmotors.com

INDIA

FAAC INDIA PVT. LTD
Noida – Delhi, India
tel. +91 120 3934100/4199
fax +91 120 4212132
www.faacindia.com

IRELAND

NATIONAL AUTOMATION LTD
Co. Roscommon, Ireland
tel. +353 71 9663893
fax: +353 71 9663890
www.nal.ie

MIDDLE EAST

FAAC MIDDLE EAST FZE
Dubai Silicon Oasis Operation Center - Dubai, UAE
tel. + 971 4 3724190
fax+ 971 4 3724191
www.faac.ae

THE NETHERLANDS

KEMKO BV
Doetinchem, Netherlands
tel. +31 314 378777
fax +31 314 362224
www.kemko.nl

NORDIC REGIONS

FAAC NORDIC AB
Perstorp, Sweden
tel. +46 435 779500
fax +46 435 779529
www.faac.se

POLAND

FAAC POLSKA SP.ZO.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

SPAIN

CLEM, S.A.U.
San Sebastián de los Reyes - Madrid, Spain
tel. +34 91 3581110
fax +34 91 7293309
www.faac.es

SWITZERLAND

FAAC AG
Altdorf, Switzerland
tel. +41 41 8713440
fax +41 41 8713484
www.faac.ch

TURKEY

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

UNITED KINGDOM

FAAC UK LTD.
Basingstoke Hampshire, UK
tel. +44 1256 318100
fax +44 1256 318101
www.faac.co.uk

U.S.A.

FAAC INTERNATIONAL INC
Rockledge, FL - U.S.A.
tel. +1 866 925 3222
fax +1 904 448 8958
www.faacusa.com

FAAC INTERNATIONAL INC
Fullerton, California - U.S.A.
tel. +1 714 446 9800
fax +1 714 446 9898
www.faacusa.com

In order to improve its products continuously, FAAC S.p.A. reserves the right to make technical modifications without prior notice. All rights are reserved and reproduction in any form, using any means, of part or all of this document is forbidden without the written authorisation of FAAC S.p.A.

9908000054 - Rev. 10 (10-2014) - 3.000- Zucchini - 10/2014

M.M.



XP 20 D Adjustable photocells

FAAC
Simply automatic.



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

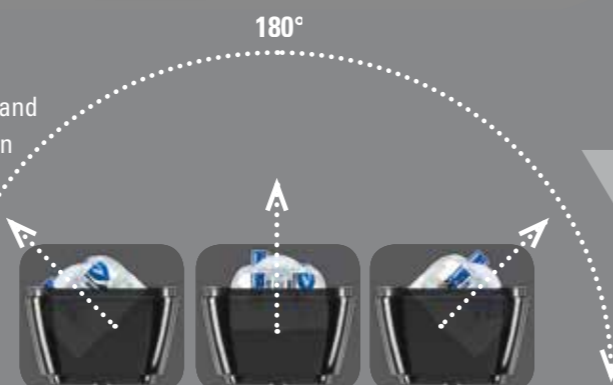
Extremely compact size: 41 x 130 x 42 mm. Possibility of cable inlet both from the rear and from the underside of the casing (16 mm) and of column-mounting.

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.

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 \div +55°C	-20°C \div +55°C	-20°C \div +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