SLIDER 2.0

AUTOMATIC DOOR

SLIDER 150
SLIDER 200

SLIDER 2.0 TECHNOLOGY.

You can:

1. Access and modify the door parameters directly on the control panel with display, without having to use an external programmer.
2. See the number of cycles performed
3. See the last 10 alarms occurred
4. Use 3 different electric locks and multi-function switches with knob or key.
5. Interlock the movements of two doors easily.
6. Perform an installation in compliance with the EN16005 standards
7. Obtain significant energy savings during stand-by (3W only) and during operation.
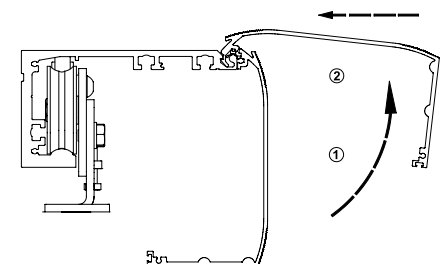
TECHNICAL DATA

Modularity and compactness. An easy-to-install method that makes the installation procedure run incredibly smoothly.

Technical devices that allow a performing and user-friendly approach.

• Sliding carriages with anti-derailement device and several possible adjustments
• Tamper-proof locking screws
• Crankcase automatic lock in open position
• Reversible motor reductors and transmission units
• Easy-to-access connection terminal blocks
• Visible display to help safeties and opening commands checks.
• 100 ÷ 240V 50/60 Hz power supply with switching full-range technology
• 3W - low-consumption standby power
• Selflearning of calibration and working parameters
• Built-in batteries charger
• Synchronized management of low-power electromechanical lock
• Positioning encoder and obstacle detection.
• Permits to create a system conform to new norm EN16005 adding EN 16005 - DIN 18650, EN 13849-1 PL "c" CAT 2 and EN 12978 Certified Safety Devices.
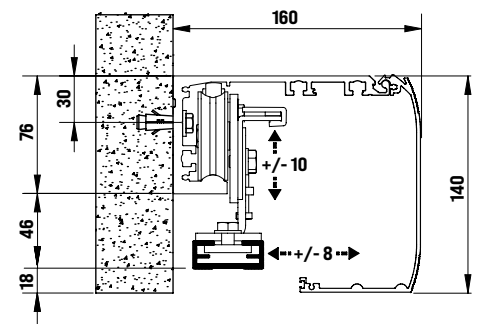
Dimensions in mm

Cover opens easily to help installation job
1 Cover opening movement
2 Cover stopped open

| TECHNICAL DATA	SLIDER 150	SLIDER 200
Power supply	full range 100 ÷ 240 Vac 50/60 Hz	
Absorption at rest	3 W	
Maximum absorption	70 W	
Accessories power	24 Vdc = 1 A max	
Max speed 1 sliding door	0,8 m/s	
Max speed 2 sliding doors	1,6 m/s	
Max weight 1 sliding door	150 Kg	200 Kg
Max weight 2 sliding doors	80+80 Kg	130+130 Kg
Service	100%	
Operating temperature	-15°C / +50°C	
Protection degree	IP20	
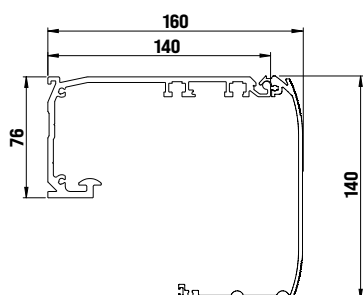
SLIDER 150
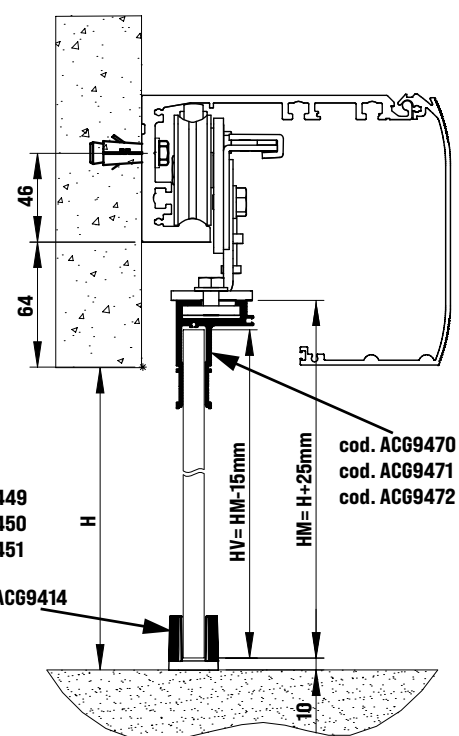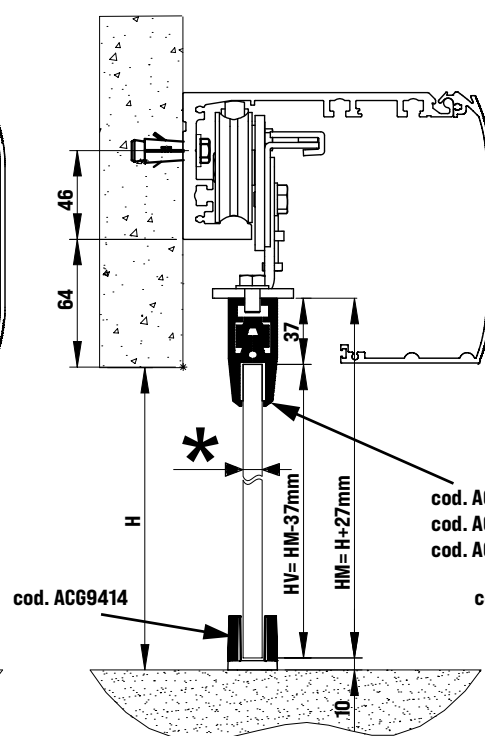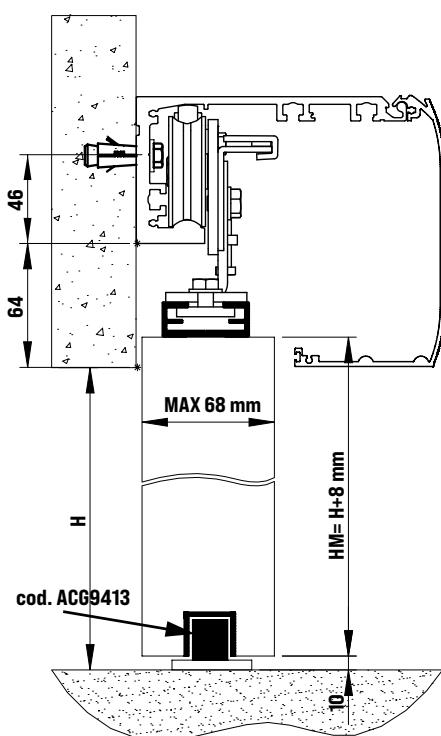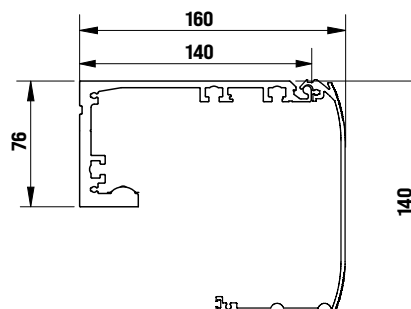
SLIDER 200

GAR0066	Warranty extension 4 years for SLIDER 150
GAR0067	Warranty extension 7 years for SLIDER 150

GAR0068	Warranty extension 4 years for SLIDER 200
GAR0069	Warranty extension 7 years for SLIDER 200

# OPERATOR SELECTION CHART ON THE BASIS OF THE WIDTH OF THE OPENING OF THE ENTRANCE

SLIDER 150 - 1 SLIDING DOOR 150 Kg								
AA90010B	AA90012B	AA90014B	AA90016B	AA90018B	AA90020B	AA90022B	AA90002B	AA90004B
SLIDER 200 - 1 SLIDING DOOR 200 Kg								
AA90024B	AA90026B	AA90028B	AA90030B	AA90032B	AA90034B	AA90036B	AA90046B	AA90048B

A	900	1.000	1200	1400	1600	1800	2050	2450	3050
B	1900	2100	2500	2900	3300	3700	4200	5000	6200
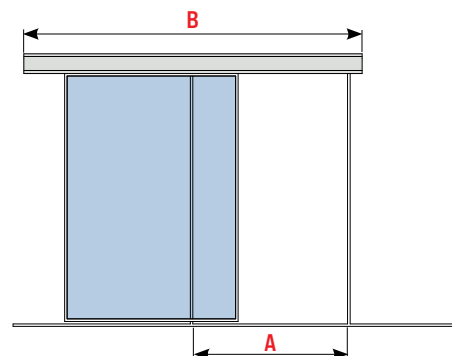
A room clearance
B total lenght automation

SLIDER 150 - 2 SLIDING DOORS 80+80 Kg								
AA90011B	AA90013B	AA90015B	AA90017B	AA90019B	AA90021B	AA90023B	AA90003B	AA90005B
SLIDER 200 - 2 SLIDING DOORS 130+130 Kg								
AA90025B	AA90027B	AA90029B	AA90031B	AA90033B	AA90035B	AA90037B	AA90047B	AA90049B

|									
A	450+450	500+500	600+600	700+700	800+800	900+900	1025+1025	1225+1225	1525+1525
B	1900	2100	2500	2900	3300	3700	4200	5000	6200
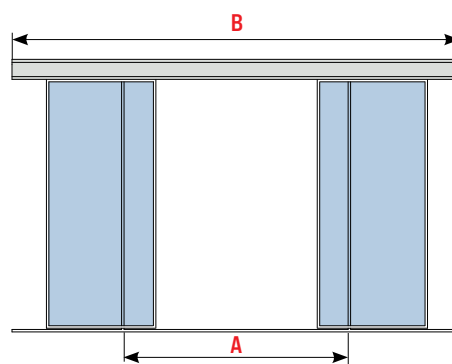
A room clearance
B total lenght automation

SLIDER 150 COMPLETE SLIDING DOORS
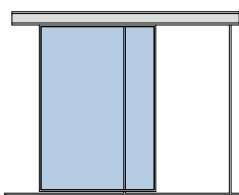
SLIDER 150 1 door complete
AA90010B L 1900 mm
AA90012B L 2100 mm
AA90014B L 2500 mm
AA90016B L 2900 mm
AA90018B L 3300 mm
AA90020B L 3700 mm
AA90022B L 4200 mm
AA90002B L 5000 mm
AA90004B L 6200 mm
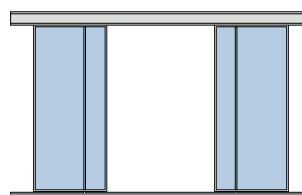
SLIDER 150 2 doors complete
AA90011B L 1900 mm
AA90013B L 2100 mm
AA90015B L 2500 mm
AA90017B L 2900 mm
AA90019B L 3300 mm
AA90021B L 3700 mm
AA90023B L 4200 mm
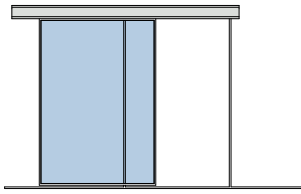AA90003B L 5000 mm
AA90005B L 6200 mm

Example of standard configuration:

AA90010B	SLIDER 150 1 door complete L 1900 mm	
ACG9420B	Internal microwave radar	
ACG9420B	External microwave radar	
ACG9429B	Multifunction switch	
	TOTAL	

Example of EN16005 configuration:

AA90010B	SLIDER 150 1 door complete L 1900 mm	
ACG9460	Internal EN radar	
ACG9460	External EN radar	
ACG9429B	Multifunction switch	
	TOTAL	

SLIDER 200 COMPLETE SLIDING DOORS

SLIDER 200 1 door complete
AA90024B L 1900 mm
AA90026B L 2100 mm
AA90028B L 2500 mm
AA90030B L 2900 mm
AA90032B L 3300 mm
AA90034B L 3700 mm
AA90036B L 4200 mm
AA90046B L 5000 mm
AA90048B L 6200 mm
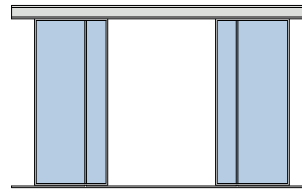
SLIDER 200 2 doors complete
AA90025B L 1900 mm
AA90027B L 2100 mm
AA90029B L 2500 mm
AA90031B L 2900 mm
AA90033B L 3300 mm
AA90035B L 3700 mm
AA90037B L 4200 mm
AA90047B L 5000 mm
AA90049B L 6200 mm

Example of standard configuration:

AA90024B	SLIDER 200 1 door complete L 1900 mm	
ACG9420B	Internal microwave radar	
ACG9420B	External microwave radar	
ACG9429B	Multifunction switch	
	TOTAL	

Example of EN16005 configuration:

AA90024B	SLIDER 200 1 door complete L 1900 mm	
ACG9460	Internal EN radar	
ACG9460	External EN radar	
ACG9429B	Multifunction switch	
	TOTAL	

COVER FIXING BRACKETS

ACG9461 COVER FIXING BRACKETS
To be applied instead of the side plates to lock the cover in position

FLOOR GUIDE

ACG9403 Floor guide
1 for each door
L door+10cm

each m

ACG9413 Support for floor guide
1 for each door

KIT CRYSTAL DOOR ATTACHMENTS

KIT GLASS DOOR ATTACHMENTS for tempered glass with thickness 10/11 mm and max weight 80 Kg.
ACG9449 L 1.000 mm
ACG9450 L 1500 mm
ACG9451 L 2000 mm

KIT GLASS DOOR ATTACHMENTS for tempered glass to drill - with thickness max 10/12 mm and weight over 80 Kg.
ACG9470 L 1.000 mm
ACG9471 L 2000 mm

ACG9414 Floor guide
for tempered glass door with thickness max 10 mm

ANTI-PANIC KIT

ACG9452 Anti-panic Kit with Profiles L=2m

ACG9453B Anti-panic Kit with Profiles L=2m and photobeams

BATTERIES

ACG9480 BATTERY KIT
for SLIDER 2.0
with cables, protection fuse, batteries and mounting plate

MULTIFUNCTION ROTARY SWITCH

ACG9429B Multifunction rotary switch
wall-mounted/embedded
IP 54
80x90x37

ACG9426B Multifunction rotary switch with key
wall-mounted/embedded
IP 54
80x90x37

WIRED KEYPAD

ACG5523 Wired keypad
White, Scratchproof, IP65
72x72x11,6 mm

ACG5522 Wired keypad
Black, Scratch resistant, with capacitive TOUCH, backlit, IP65
72x72x11,6 mm

VANDAL-PROOF KEYPADS, for example to operate the opening of a gate or any door.
It connects with only 2 wires.

ACG5525 Control card for 1 or 2 wired keypads
Power supply: 230 V ac - 24 V ac/dc
140x128x49 mm

MAXIMUM NUMBER OF USERS THAT CAN BE STORED: 50
The control board has 2 relays with 5A contacts: COM-NO-NC

KIT ELECTRIC LOCK

ACG9454B KIT ELECTRIC LOCK "return" - Locks the doors closing by acting on the belt (at each door closing, during night stop or at each partial opening)

ACG9462B KIT ELECTRIC LOCK "central" - Mechanically locks the doors in closing (each time door closing or during night stop)

ACG9487B KIT ELECTRIC LOCK "emergency" - In case of power failure or door failure, the leaves can be moved manually

ACJ9071 STRONG-BOX FLAT wall mounted (special lock) IP 54 with 1 rocker switch and electric lock release 128x150x42

ACJ9078 STRONG-BOX STONE to embed (special lock) IP 54 with 1 rocker switch and electric lock release 142x106x80

SEALS

PUSH BUTTON UP/DOWN

DIE-CAST ALUMINUM

MANUAL RELEASE SYSTEM

LOCK WITH SPECIAL TUBOLAR KEYS

SEALS

PUSH BUTTON UP/DOWN

DIE-CAST ALUMINUM

MANUAL RELEASE SYSTEM

LOCK WITH SPECIAL TUBOLAR KEYS

INDUCTION CONTROL

ACG5527 NO-TOUCH button for automatic doors.
Detection distance: 5 ÷ 40 cm
Degree of protection: IP 55
Operating temperature: -20 ° C ÷ + 60 ° C
Operation: Microwave.
Power supply: 12 - 24 V ac / dc

RADAR FOR COMMAND AND SAFETY

EN16005 - DIN 18650
EN 12978
EN 13849-1:2008
PL "c" CAT.2

ACG9460 Active Infrared with background analysis + microwaves RADAR - for standard sliding doors - Unidirectional detection - IP 54 - Plug and play - pre-adjusted in factory
With cable 2,5 m long
Max. fitting height 3,5 m
-25 ÷ +55°C

- Opening and presence detection for pedestrian and vehicles
- Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss from the building and saves energy.
- Safety thanks to a double infrared curtains in front of the door
- Comfort and protection for both pedestrians and vehicles
- Ideal solution for doors up to 3,5 m
- Dim. 275x55x60mm
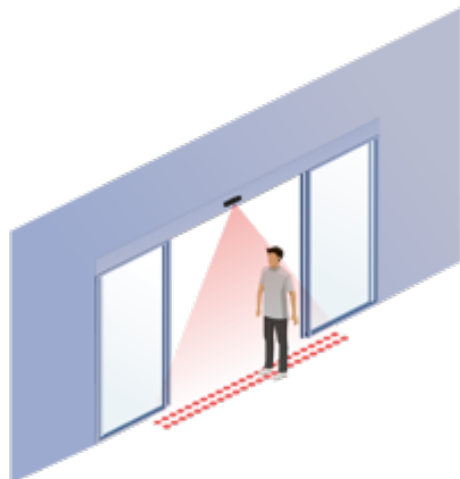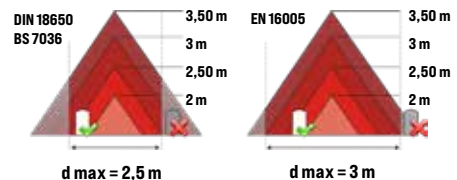
Microwave technology: motion detection
. Technology adapted for industrial environments
. Area detection of 4 m × 2m (at a 2,2 m mounting height)
. Immunity against rain and snow
. "Unidirectional" movement for opening: The door opens if a person walks towards it. The door does not open if a person is walking by from one side of the door to the other (e.g. like pedestrians passing by on the street).

Infrared technology: presence detection
. 48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.
. A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.
. Door remains open when a vehicle or person is standing still in the detection field
. Area detection of 2,2 m × 0.5 m (at a 2,2 m mounting height)
. Intuitive configuration thanks to an LCD screen with choice of language.
. 10 adjustment options for the IR curtains.
. Lateral orientation from -15° to +15° for the radar antenna.
. 4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.
. Adjustment of presence detection time
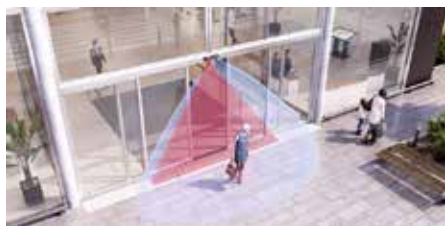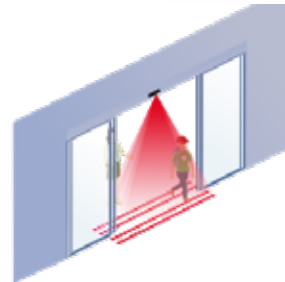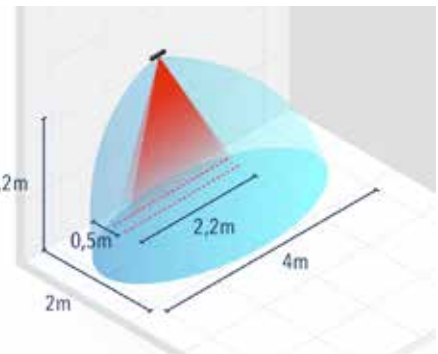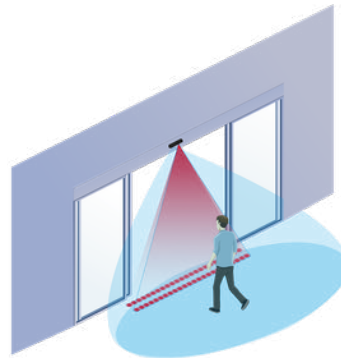
Mounting height	Detection width
2.00 m	2.00 m
2.20 m	2.20 m
2.50 m	2.50 m
3.00 m	d max
3.50 m	d max

DIN 18650 BS 7036 — 3,50 m / 3 m / 2,50 m / 2 m — d max = 2,5 m

EN 16005 — 3,50 m / 3 m / 2,50 m / 2 m — d max = 3 m

The size of the detection field varies according to the mounting height and the settings of the sensor.
The full door width must be covered.

ACG9460

2.5 m

20 cm
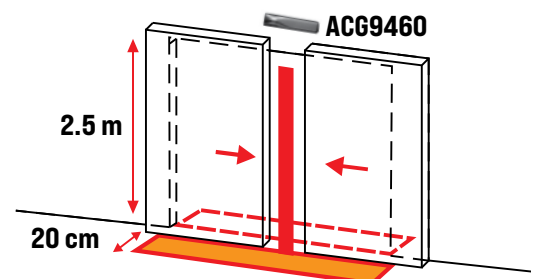
RADAR FOR SAFETY

EN16005 - DIN 18650
EN 12978
EN 13849-1:2008
PL "c" CAT.2

ACG9459 ACTIVE INFRARED RADAR
- to protect side area of the door in case it opens against a wall - IP 54 - Plug and play - With cable 2,5 m long - Max. fitting height 3,5 m - -25 ÷ +55°C

- Active infrared with background analysis and self-monitoring
- Safe thanks to double 3D-infrared-curtains
- Intuitive configuration thanks to an LCD screen with choice of language
- 4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.
- Active infrared with analysis of the background
- 48 high-density, infrared spotlights from 2 curtains protect users from any contact with the doors.
- A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.
- Infrared dectection area 2,2 m × 0,5 m @ 2,2 m
- 10 possible widths of IR curtains, for optimum coverage of the door opening.
- Higher confort and protection for pedestrians and vehicles
- Dim. 275x55x60mm

ACG9459

ACG9460

2.5 m

20 cm

2,2m

0,5m   2,2m
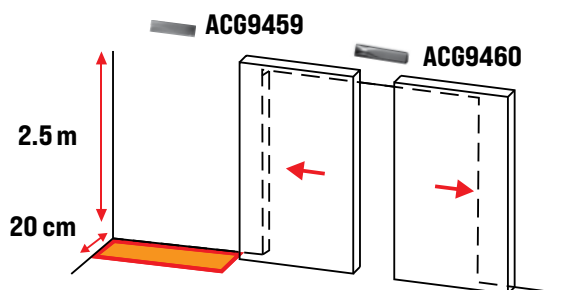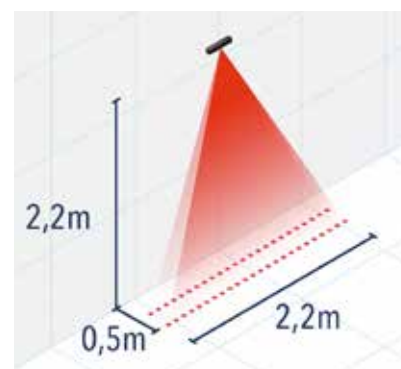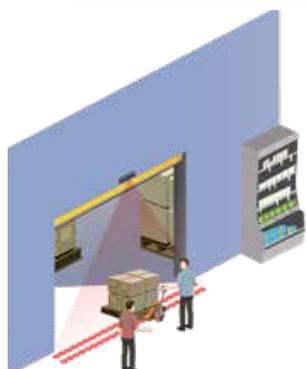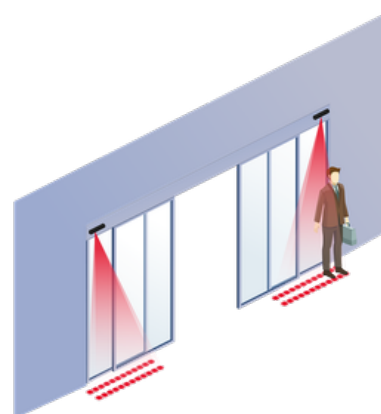
REMOTE CONTROL

ACG9491 REMOTE CONTROL to adjust the ACG9459 and ACG9460 RADARS

RADAR FOR COMMAND

ACG9420B MICROWAVE RADAR
adjustable from 0 ÷ 45 °
Fitting height H 1,8÷4 m
24.125 GHz - -20÷+60°C
IP 54 - 120x64x44

PHOTOBEAMS

ACG9441C Pair of photobeams
with cable 7 m long