



COUNTING counts

Counting Counts is a global community of professionals. Our members participate in improving and developing Pedestrian Flow Measurement-systems giving multinational organisations reliable insights for their business strategies.

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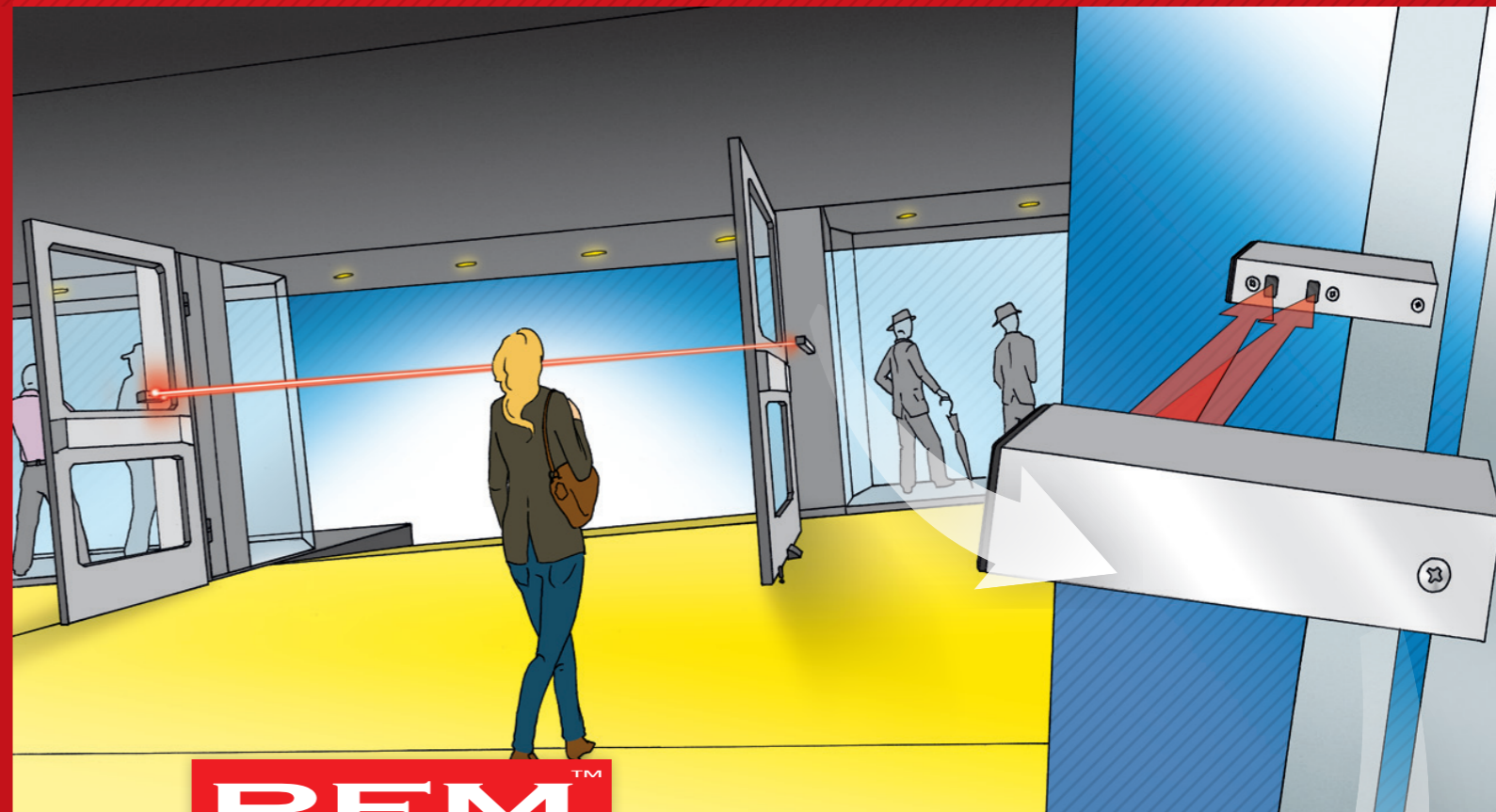
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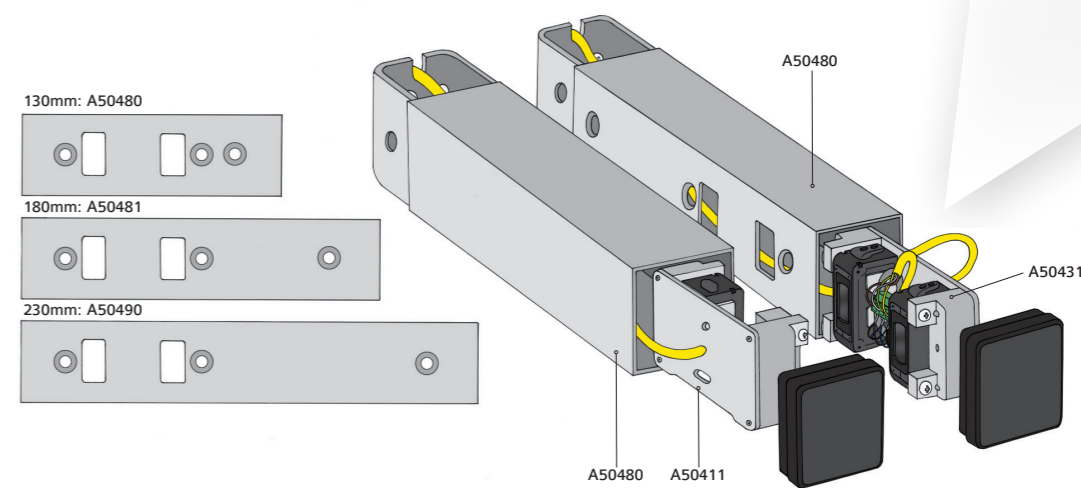
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LFT10 D/130-180-230

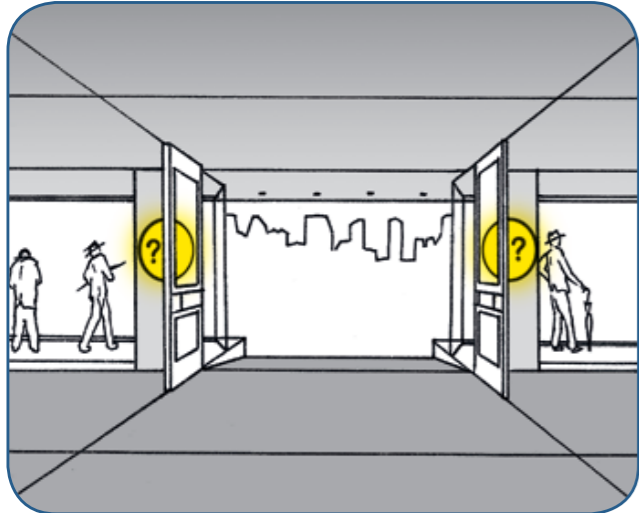


The LFT10-D/130 to 230 is a sensorset which allows you to overcome obstacles such as folding windows. When such doors are opened the package of doorframes is blocking any regular sensorset. With these wallmount brackets you are able to create a solution by 'looking' trough the glass. PFM created a range of three different lengths each for its own best environmental variable. These sensors are suitable for inside use only. The mounting height is 1,3m and we strongly recommend to mount them outside customer and visitor reach.

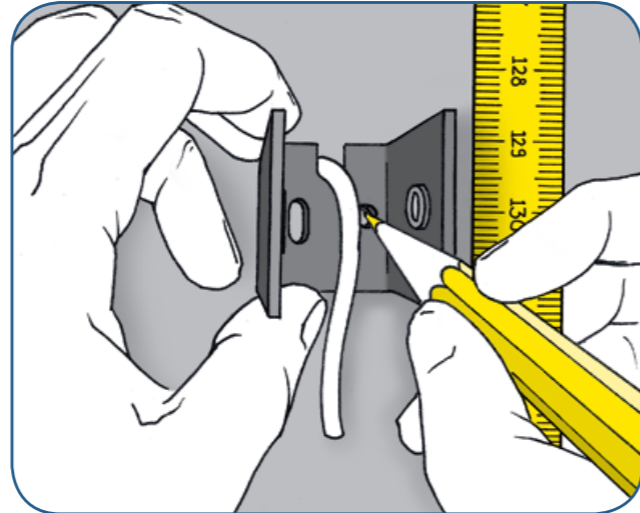
TOOLLIST

- FITTING SCREWDRIVER
- MEASURING TAPE
- SCREWDRIVER CROSS
- SCREWDRIVER FLAT
- AMP TOOL
- CUTTER
- DRILLMACHINE Ø 10
- STANLEY KNIFE

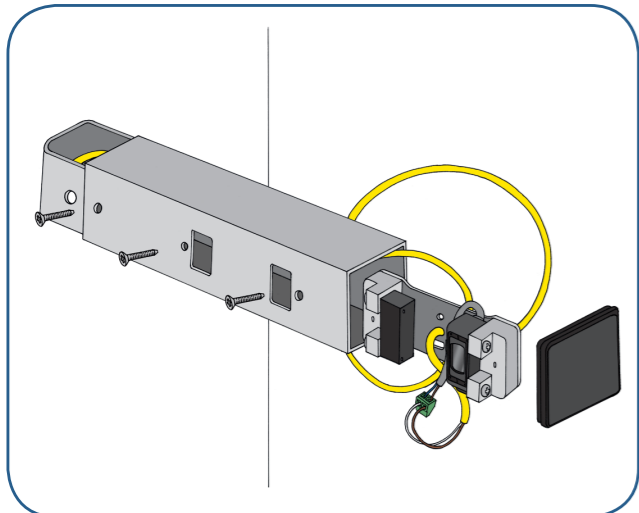
MOUNTING INSTRUCTIONS



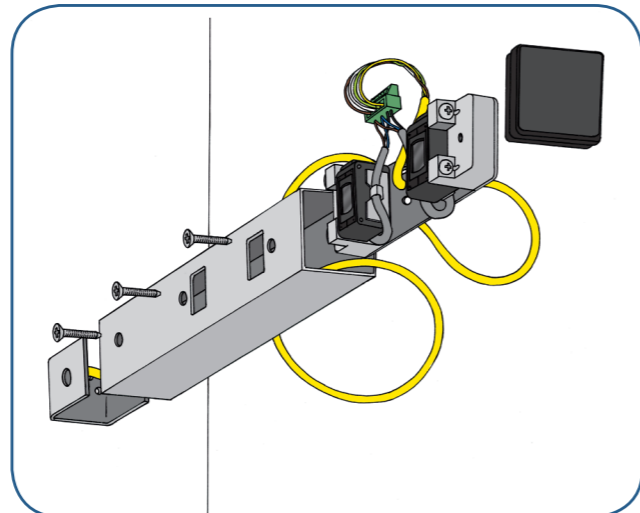
DETERMINE IDEAL POSITION. EXCLUDE WINDOWS, DOORFRAME WITHIN THE IR BEAM AS MUCH AS POSSIBLE.



WHEN THE CABLE IS IN PLACE AND COMING OUT OF THE WALL/DOOR-FRAME (AT APPROX 1,3M YOU CAN MOUNT THE STEEL BRACKET,

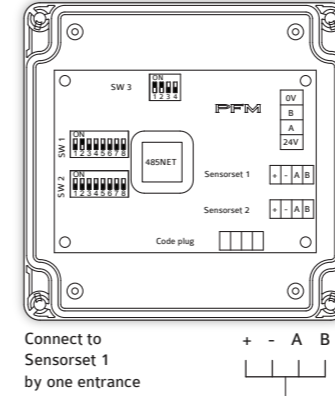


SENSOR SIDE CONNECTIONS:
brown to brown = plus
white to blue = minus

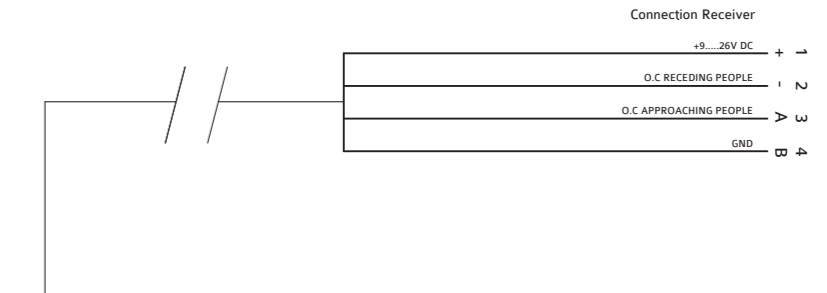
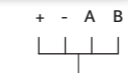


brown to brown = plus
white to blue = minus
green to black = signal A
yellow to black = Signal B

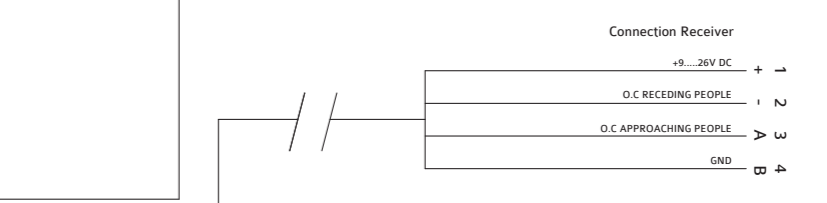
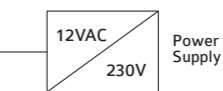
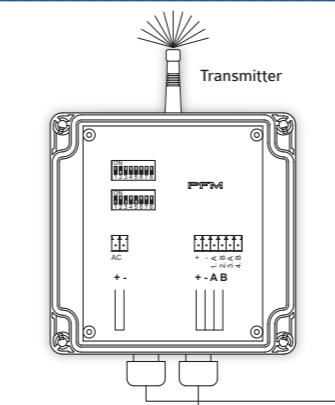
HIGHWAYBOX



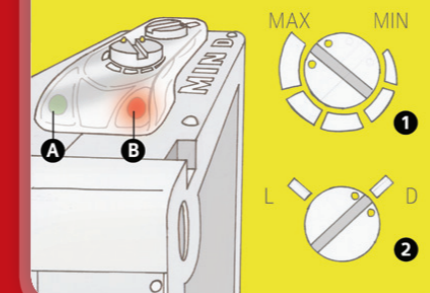
Connect to Sensorset 1 by one entrance



RADIO LINK



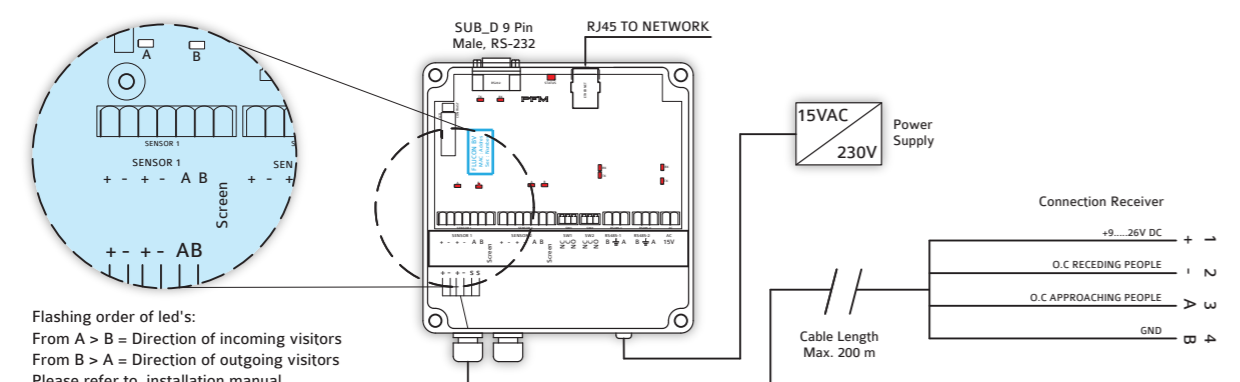
SENSOR ADJUSTMENT



- A OPERATING
- B DETECTION
- 1 SENSITIVITY SWITCH
- 2 SWITCHING OUTPUT (D = DARK -DEFAULT)

switch on power after inst. and set switch 1 until the red top LED, B becomes red. turn back until led becomes green. Now turn 1/8 clockwise. The sensor top LED B Should become red after triggering the beam
NOTE: Sender can not be adjusted!

SYSTEM 6(A)



Flashing order of led's:
From A > B = Direction of incoming visitors
From B > A = Direction of outgoing visitors
Please refer to installation manual

ERROR AFTER INSTALLATION

- SENDER SIDE**
GREEN LIGHT OFF:
* NO POWER
* CABLE PROBLEM
- RECEIVER SIDE:**
* NO POWER
* CABLE PROBLEM
- HEIGHT IN/OUT COUNTING**
OSCILLATION (SEE CHAPTER.... SENSOR ADJUSTMENTS)

SOFT- & HARDWARE SETTINGS

THIS SENSOR SET CAN BE USED IN MANY DIFFERENT WAYS AND SENSING THROUGH A GLASS PANEL IS NO PROBLEM. PLEASE KEEP IN MIND THAT EVERY PANEL OF GLASS REDUCES THE MAXIMUM REACH WITH 1 METER.

ALWAYS BE SURE THAT INCOMING PEOPLE TRIGGER THE A LIGHT ON THE MINILOGGER/ JUNCTIONBOX/JB1-RF. IF THIS IS NOT THE CASE SWAP THE SIGNAL WIRES ON THE LOGGER SIDE AND CHECK IT AGAIN.

THE INFLUENCE OF DOOR FRAME'S AND HANDLES SHOULD BE AVOIDED AT ALL TIMES. IF THIS IS MECHANICALLY NOT POSSIBLE ONE CAN SET A DOOR IGNORE TIME IN THE LOGGER.

THIS SET POINT IS A FILTER FOR THE MINIMUM PULSE LENGTH. SEE MANUAL PFM MINICONNECT.

AFTER INSTALLATION, THE ACCURACY HAS TO BE TESTED WITH THE MANUAL DISPLAY. CONNECT THIS DISPLAY TO THE LOGGER AND CHECK IF EVERY PERSON IS COUNTED IN THE RIGHT WAY. PEOPLE WHO CROSS THE BEAM TRIGGER 2 SIGNALS, ONE UPCOMING AND ONE OFF FALLING. IF THE PULSES ARE SIGNIFICANTLY HIGHER THAN THE NUMBER OF COUNTS, THE SENSORS HAVE TO BE ALIGNED AND/OR ADJUSTED REGARDING THE SENSITIVITY