Working distances of the CMC III Infrared access sensors

Sensors: - CMC III Processing Unit

- CMC III Processing Unit Compact
- CMC III Infrared access sensor
- CMC III CAN-Bus Access

Important Information:

The respective sensor should be mounted on the side of the door hinge. An open door is recognized earlier on this mounting position, because the angle of the reflection foil changes faster.

The reflection foil has to be fixed and adjusted accurate on the door.

The variable "Sensitivity" can be changed on the webpage of the Processing Unit. This variable has the value "2" at delivery status. For further information about the configuration, please read the manual of the CMC III Processing Unit.

The table below shows all minimum and maximum distances between the sensor and the reflection foil, dependent on the value "Sensitivity". Between these two distances, the door is recognized as closed.

| Sensors | Article number | Sensitivity 1 | | Sensitivity 2 | | Sensitivity 3 | |
|---------------------------------|----------------|---------------|----------|---------------|----------|---------------|----------|
| | | min (mm) | max (mm) | min (mm) | max (mm) | min (mm) | max (mm) |
| CMC III Processing Unit | 7030000 | 20 | 85 | 20 | 140 | 20 | 160 |
| CMC III Processing Unit Compact | 7030010 | 20 | 85 | 20 | 140 | 20 | 160 |
| CMC III Infrared access sensor | 7030120 | 16 | 80 | 16 | 90 | 16 | 100 |
| CMC III CAN-Bus Access | 7030200 | 25 | 40 | 25 | 70 | 25 | 100 |

