

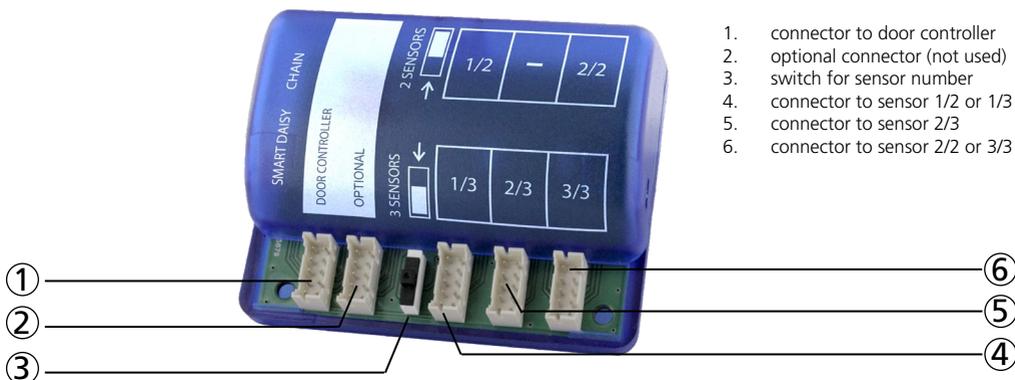


SDC HUB

SMART DAISY CHAIN ACCESSORY FOR IXIO*

* Other use of the device is outside of the permitted purpose and can not be guaranteed by the manufacturer.

DESCRIPTION



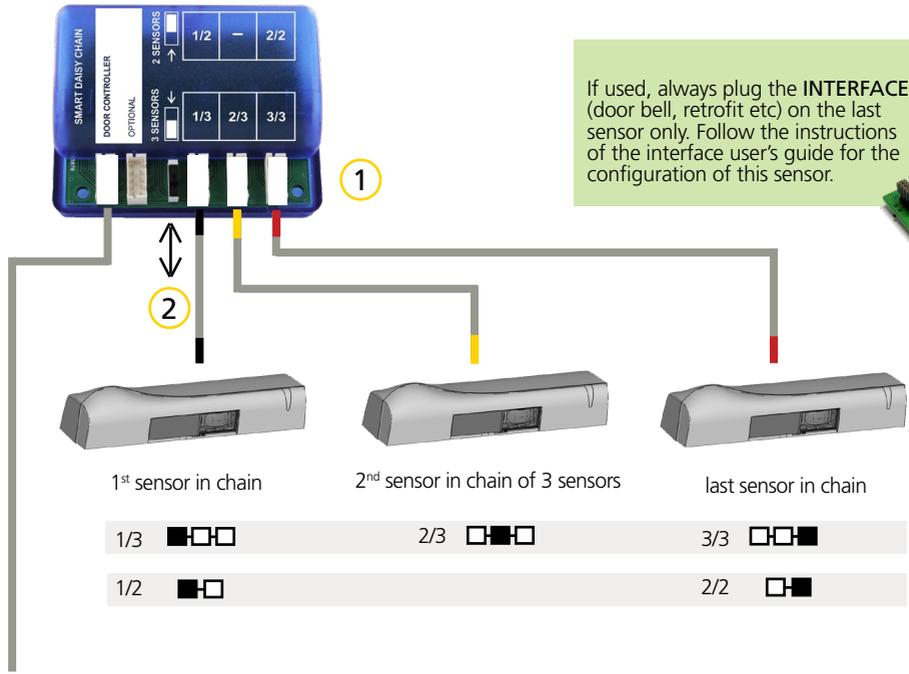
1. connector to door controller
2. optional connector (not used)
3. switch for sensor number
4. connector to sensor 1/2 or 1/3
5. connector to sensor 2/3
6. connector to sensor 2/2 or 3/3

TECHNICAL SPECIFICATIONS

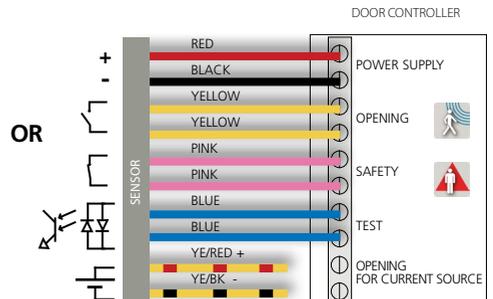
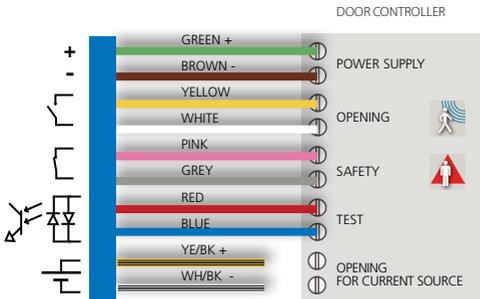
Power consumption:	< 8 W (depending on number of sensors connected)
Supply voltage:	following sensor supply voltage rating
Monitoring response time:	max. 60 ms (depending on number of sensors connected)
Temperature range:	from -25° to +55° (0, -95% relative humidity, non condensing)
Protection degree:	IP20
Dimensions:	70 mm (W) x 55 mm (H) x 25 mm (D)
Housing material:	ABS (translucent blue)
Length of sensor cables:	2.50 m
Expected lifetime:	20 years
Output:	see specifications of sensor 2/2 or 3/3
Test input:	see specifications of sensor 1/2 or 1/3

1 CONNECTION

- 1 Connect 2 or 3 sensors to the hub.
*The cables are marked on both ends to ease the installation.
 Connect only IXIO sensors which present the SDC setting (see sensor user's guide)*
- 2 Position the switch depending on number of sensors connected.
- 3 Connect the hub to the door controller.
Use the IXIO power cable.



3 SDC INTERFACE



2 CONFIGURATION

- 1 Configure the Smart Daisy Chain parameter on each sensor depending on its position in the chain and the number of sensors connected.

When changing this setting, the output and test parameters go into internal communication mode.

- 2 Configure the radar output on the last sensor of the chain.

1

	Redirection SmartDaisyC. OFF FactoryRst		SmartDaisyC. OFF	off = factory value
	↑		SmartDaisyC. 	1 st sensor in chain of 2 sensors (1/2)
			SmartDaisyC. 	2 nd sensor in chain of 2 sensors (2/2)
			SmartDaisyC. 	1 st sensor in chain of 3 sensors (1/3)
			SmartDaisyC. 	2 nd sensor in chain of 3 sensors (2/3)
			SmartDaisyC. 	3 rd sensor in chain of 3 sensors (3/3)
			SmartDaisyC. Back	

2

	Rad: Fieldsize Rad: Output NO IR: Immunity		Rad:Output 	NO: normally open = factory value
	↑		Rad:Output 	NC: normally closed
			Rad:Output 	Frequency output for emergency exits
			Rad:Output 	Current source output for emergency exits
			Rad: Output Back	

ERROR CODES



E3: SDC NOF

No communication

- 1 Check wiring.
- 2 Check sensor position and setting.



E3: SDC POS

Position error in chain

- 1 Check sensor position and setting.
- 2 Check wiring.



E3: SDC FRM

Sensors are synchronizing

- 1 Wait for 1 minute

