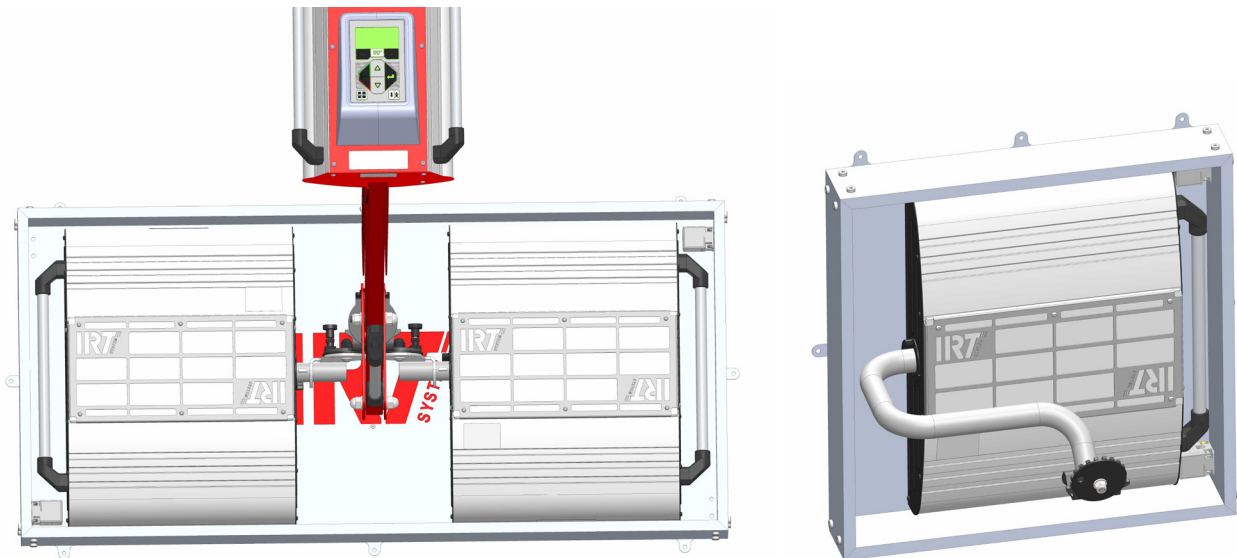


# IRT PARKINGMODULE



## 1. Intended use of the product

This product serves exclusively to protect the IRT cassette front (single or double) from dust and overspray when painting. The IRT ParkingModule with the inductive sensors is a perfect tool to ensure that painting is not possible when the IR equipment is connected to power supply.

## 2. Product description

The two inductive sensors in the IRT ParkingModule are to be connected to a control system that monitors the following:

- Solenoid valve for spray air control
- Contactor for power supply to the IRT unit

The sensors indicate when the IRT cassette is in parking position.

### Painting possible

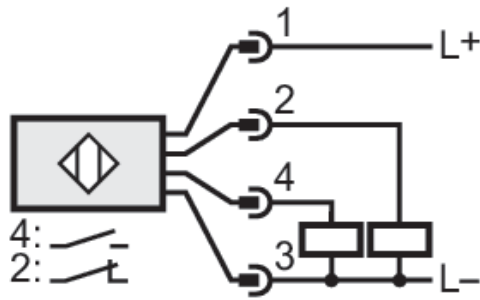
When the IRT cassette is in parking position, the inductive sensors are activated and the solenoid valve gets a signal from the control system to open the compressed air flow - and painting is possible.

### Painting not possible

When the IRT cassette is not in parking position, the inductive sensors are deactivated, which shuts off the signal to the control unit and the solenoid valve closes the compressed air flow. This makes painting not possible.

### 3. Electrical diagram

#### 3.1 Electrical diagram - inductive sensor



#### 3.2 Configurations of cables and connectors:

Colours: BK - black, BN - brown, BU - blue, WH - white

Standard configuration for 3-wire DC:

		Cable	Terminal chamber	US-100 plug
L+		BN	1 / 3	Pin 1 / BN
L-		BU	2 / 4	Pin 3 / BU
Output	/L /_	BK	X	Pin 2 / WH Pin 4 / BK

#### 3.3 Validation

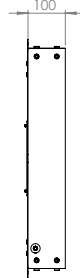
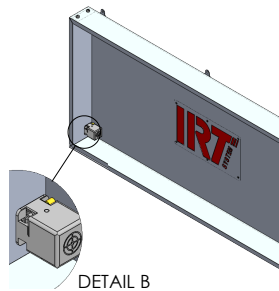
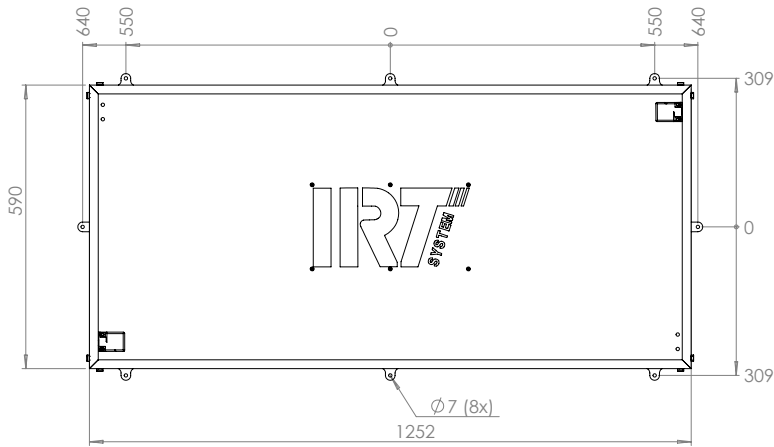
Atex II 3D Ex tc IIIC T95°C Dc X

II 3G Ex nA IIC T4 Gc X

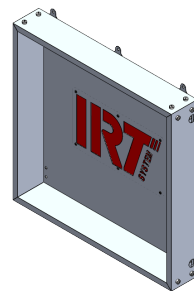
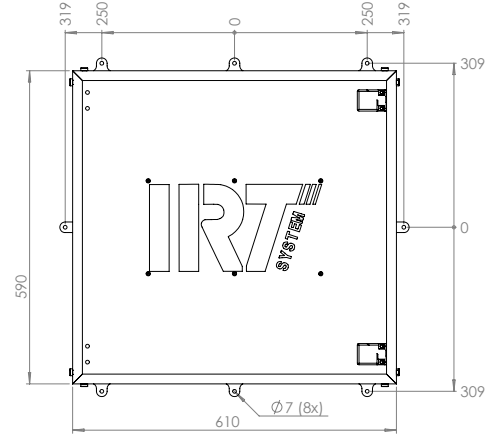
### 4. Dimensions

Cable included is 10 meters long. Measurements below in mm.

#### Double cassette



#### Single cassette



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The manufacturer reserves the right to introduce technical modifications.



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