BIRCHER Reglomat

ENGLISH

Series Connection Diagram
PrimeTec / PrimeScan (independent of operator)

1 Operator designation

Standard connection diagram (independent of operator) for PrimeTec/PrimeScan series circuit.
Please see the respective connection diagram for operator-specific connection.

2 Important safety instructions

⚠
- Refer to the original operating instructions regarding detector installation and start-up.
- Connect the exterior and interior detectors using the interior and exterior connections of the controller provided for this purpose.
- Test the function and the correct settings of the detectors in connection with the door.

3 Settings

The AIR output logic of the Slave must be adjusted in accordance with that of the Master!
The **Master** is a detector at which the test input is connected to the controller.
Slave is a detector that receives the test signal from a preceding detector.

Depending on the operator, up to 4 detectors can be connected in series.

		OPERATION OF THE BUTTONS[1]			DESCRIPTION			
		Function	*Value*	*LCD*	***RegloBeam2:*** *Mode*			
AIR output contact logic		3	1 – 4	②	Ⓔ + ② (with PrimeTec A only)	① = active (NO) No detection Contact open	②* = passive (NC) No detection Contact closed	Series connection Settings Master ① ➔ Slave ③ Master ② ➔ Slave ④

* Factory setting

Note: Neighbouring detectors require different frequencies in order to prevent IR interferences with overlapping fields.

4 AIR series connection

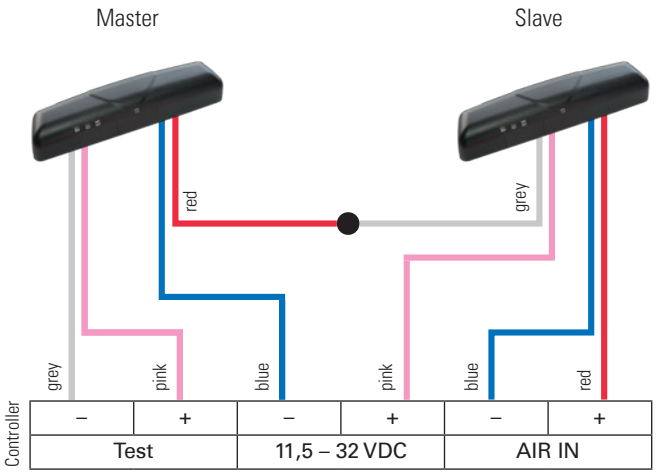
For power supply and radar output connection, see original operating instructions.

As a basic rule, both connection options can always be applied.
We recommend that the connection be made in accordance with the type of light barrier, as the GND or +VDC supply voltage can be linked together thereby.

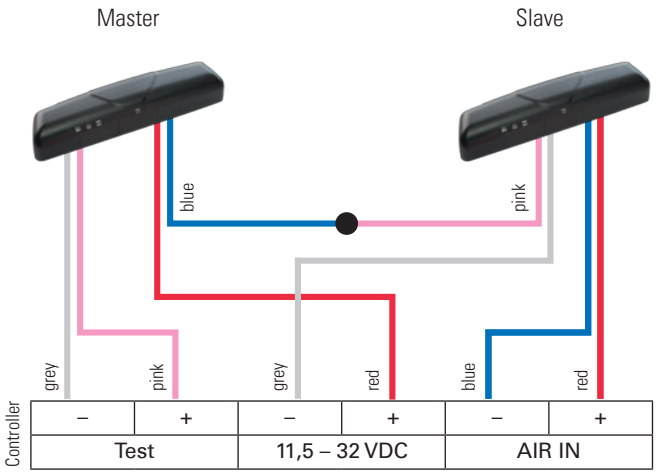
2 Detectors

The number of required detectors depends on the application.

Option 1: NPN light barrier input



Option 2: PNP light barrier input



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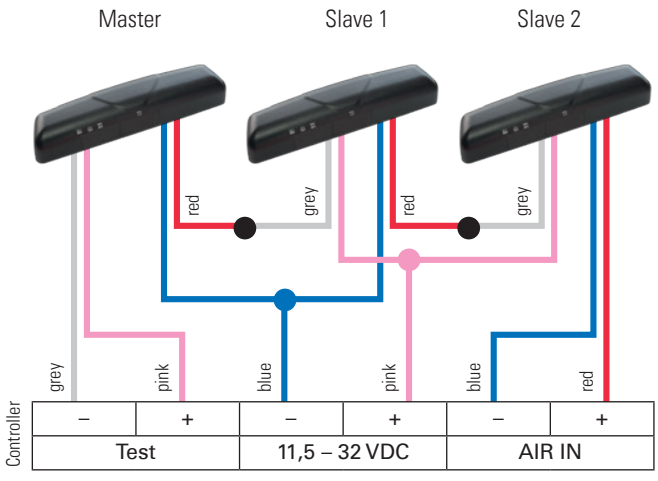
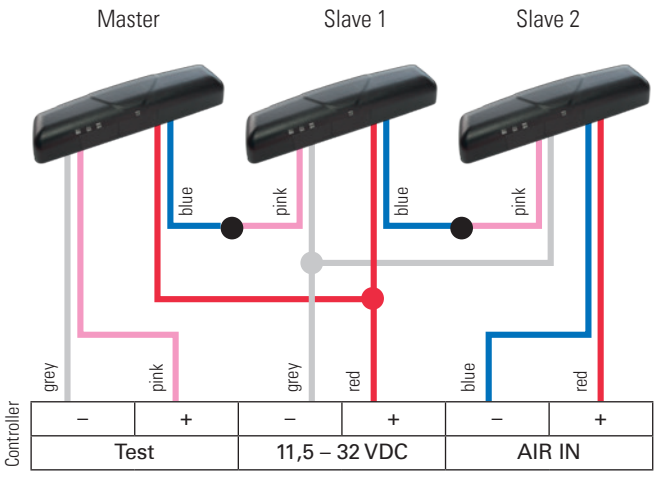


Option 2: PNP light barrier input



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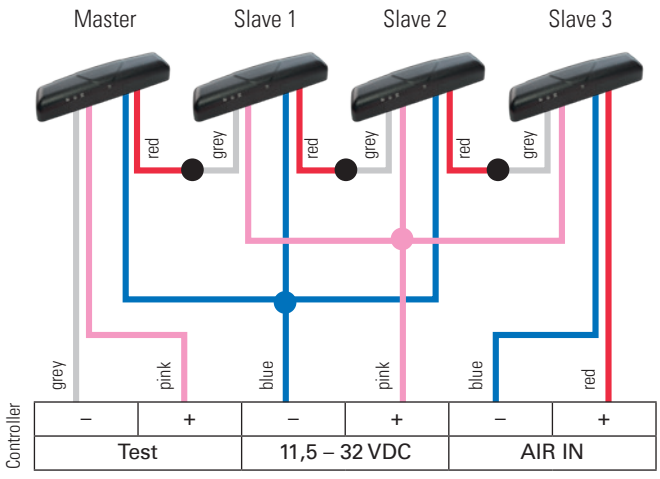

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