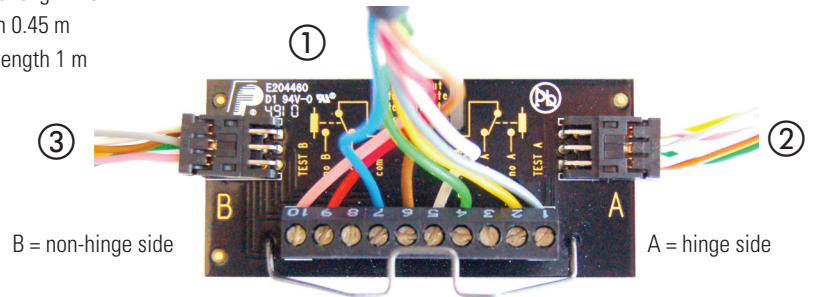


## UniScan Y adapter

Comply with the UniScan operating instructions!

### 1 Scope of delivery

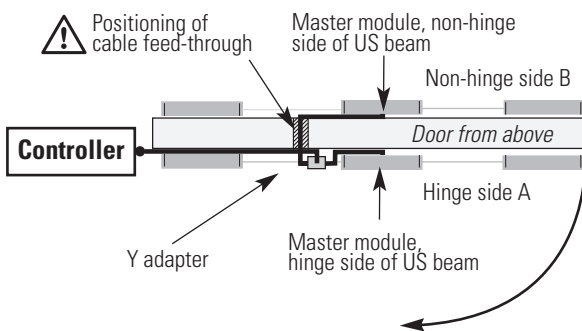
- ① 1 x Y adapter with connection cable to control unit, cable length 2.8 m
- ② 1 x connection cable to US beam, hinge side, cable length 0.45 m
- ③ 1 x connection cable to US beam, non-hinge side, cable length 1 m



### 2 Mounting

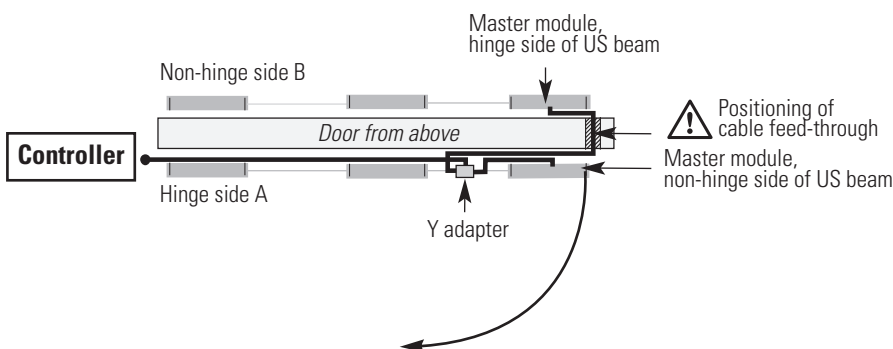
The position of the Y adapter and the cable feed-through must be chosen according to the conditions (see the following diagrams).

#### Cable feed-through in profile middle

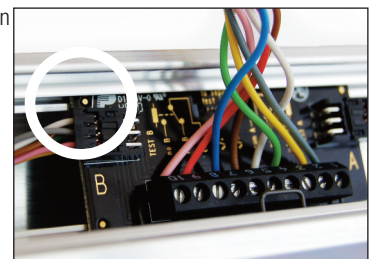


#### Cable feed-through on profile side

If it is not possible to drill a hole in the profile middle (for example, with glass doors, etc.), we recommend choosing a cable feed-through location on the side of the profile.



1. After having positioned the UniScans on both sides, drill a hole (Ø 10 mm) for feeding through the connection cable. Position the cable feed-through in the vicinity of the master module (acc. to diagram above).  
**Caution:** Observe length of connection cable! Comply with the country-specific fire and smoke prevention regulations! The 6-pin plug fits through a 10 mm hole. This results in a pure plug-in connection; no dismantling required. In case of smaller hole diameters, first remove the plug-in screw terminal, then pull the cable through and remount the plug-in screw terminal.  
**Caution:** Observe the terminal assignment during remounting!
2. Connect Y adapter and cable together. Then fit Y adapter with spring clip into the groove at the bottom of the aluminium profile.
3. Connect connection cable to door controller.
4. After the sensor has been installed and wired, it must be initialised at the master module on the hinge side and the non-hinge side (press <<green>> button for 5 seconds).



### 3 Connection



When the UniScan is used as a safety sensor, the testing must be connected correctly!

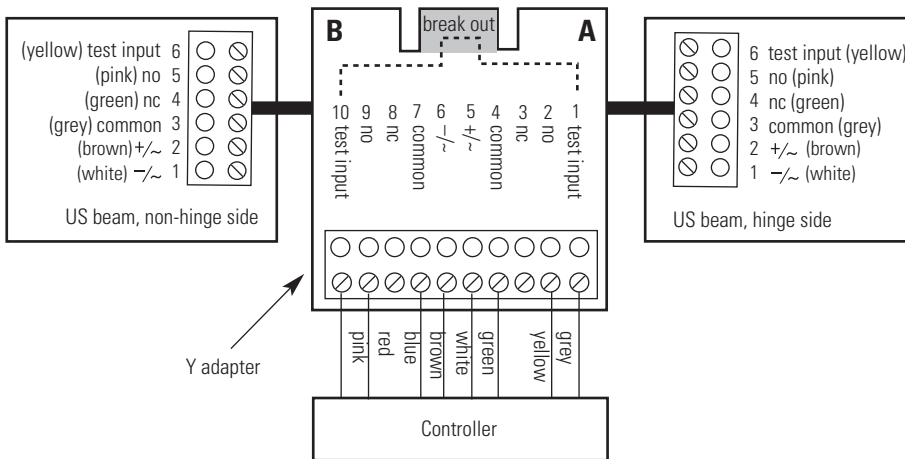
#### Testing the sensor:

1. Controller does not have a test output → Do not connect test.
2. Controller has a test output for hinge side and non-hinge side  
→ Connect one test input (terminal 1 or 10).
3. Controller has two test outputs for testing hinge side and non-hinge side separately.  
→ On the Y adapter, break off the piece marked "break out" with combination pliers and connect both test inputs (terminals 1 and 10).

The US beams that are connected directly to the Y adapter are referred to as master modules.

All other US beams are connected with the ribbon cable and are slaves.

Per US beam master module, a maximum of three other US beams may be connected.



**Standard:** In case of a power failure, the contact drops out so that the door goes into a safe state (door open). Terminals 2 & 9 (no) connected, relay output to passive circuit.

**Notice:**

- The connection diagram shows a disconnected state! Normally the relay is supplied with power (passive).
- If the NC contact is required, the plug-in connection of NO must be changed accordingly (from 2 to 3 or from 9 to 8, respectively).