

# Connection diagram to UniScan

## 1 Drive unit name

SW100 → Pedestrian schwing door (BESAM, ASSA ABLOY ES Produktion AB, 26125 Landskrona, Schweden)

## 2 Important safety instructions



- Refer to the operating instructions regarding installation and startup of the sensor.
- Connect the exterior and interior sensors with the appropriate external and internal terminals on the controller.
- To guarantee the safety-relevant functions in safety, escape and rescue route applications (**UniScan**), it is necessary to test the sensor. Therefore activate the testing on the drive unit and connect the test output to the sensor. The sensor must react to the drive units test signal.
- Test the function and correct settings of the sensors in connection with the door.

## 3 Settings

Uniscan: Test input A4

Controller: remove Jumper monitoring presence detection and presence impulse

## 4 Sensor connection diagram

### Active leaf

Uniscan	Terminal block	Extension Unit EXU-SA	
		Hinge side	Opposite hinge side
- / ~	1	1 (GND)	1 (GND)
+ / ~	2	5 (24V)	5 (24V)
common	3	1 (GND)	1 (GND)
nc	4		
no	5	3 (PDET)	2 (PIMP)
Testeingang	6	4 (QTST)	4 (QTST)

## 5 Connection diagram with Y-Adapter

Wiring diagram with Y-adapter when hinge side is connect to plug A (right)

Y-Adapter	Kabelfarbe		Extension Unit EXU-SA	
Test input	1 grey		4 (QTST)	
NO	2 yellow		3 (PDET)	
NC	3	/		
Common	4 green		1 (GND)	
-	5 white		1 (GND)	
+	6 brown		5 (24V)	
Common	7 blue		1 (GND)	
NC	8	/		
NO	9 red		2 (PIMP)	
Test input	10 pink		n.u.	

**Important Note: Compare the colour coding of the Y-adapter to the wiring diagram.**

The listed color wiring diagram is valid for Y-adapter which are delivered since the supplementary sheet 290302D.