

Connection diagram to UniScan

1 Drive unit name

EMSW, Power Swing → Pedestrian schwing door (BESAM GmbH, 64807 Dieburg, Germany)

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

4 Sensor connection diagram

Active leaf

Uniscan	Terminal block	Terminal block TB4	
		Hinge side	Opposite hinge side
- / ~	1	26 (GND)	26 (GND)
+ / ~	2	32 (24V)	32 (24V)
common	3	26 (GND)	26 (GND)
nc	4		
no	5	29	27
Testeingang	6	28	28

Passive leaf

Uniscan	Terminal block	Terminal block TB5	
		Hinge side	Opposite hinge side
- / ~	1	33 (GND)	33 (GND)
+ / ~	2	37 (24V)	37 (24V)
common	3	33 (GND)	33 (GND)
nc	4		
no	5	36	34
Testeingang	6	35	35

5 Connection diagram with Y-Adapter

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

Y-Adapter	Kabelfarbe	Terminal block	
		Gangflügel TB4	Standflügel TB5
Test input	1 grey	28	35
NO	2 yellow	29	36
NC	3	/	
Common	4 green	26 (GND)	33 (GND)
-	5 white	26 (GND)	33 (GND)
+	6 brown	32 (24V)	37 (24V)
Common	7 blue	26 (GND)	33 (GND)
NC	8	/	
NO	9 red	27	34
Test input	10 pink	n.V.	n.V.

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.