

Installation and Operation

Technical Data

Connecting Voltage U_s

SG-RSV 205	DC 18 - 32 V
Power consumption	max. 2.5 W

Inputs

Input voltage	U_E	0 - 16 V
Input current	I_E	0 - 21 mA

Outputs (PNP)

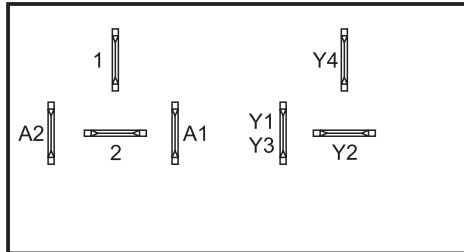
Switching voltage	$U_{A, high}$	min. $U_s - 1.0$ V
	$U_{A, low}$	max. 0.5 V
Switching current	I_A	max. 0.4 A
Response time	t_{SG}	< 5 ms

Permissible ambient temperature - 40 °C to + 80 °C

Important notes:

- if only one sensor is being used

When using only one sensor, bridge the second input with a 1,2 k Ω resistor.



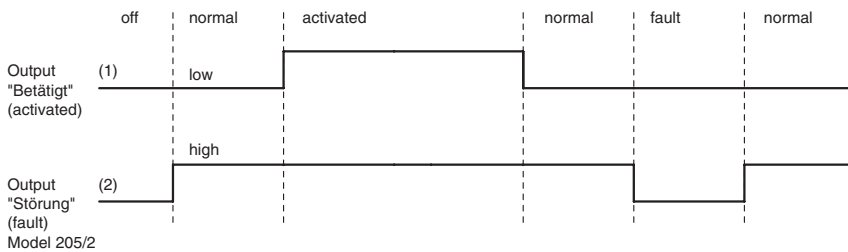
Installation

Fit all 7 flat plugs onto the appropriate sockets and then insert them uniformly.

Connector assignment:

Supply voltage	A1(+), A2 (-)
Semiconductor outputs	1, 2
Sensor 1	Y1, Y2
Sensor 2	Y3, Y4

Output behaviour



Commissioning

Following insertion of the SG-RSV 205 and connection of the connection voltage U_s :

Sensor not activated

- Output "Betätigt" (activated) (1) is off (AUS)
- Output "Störung" (fault) (2) is on (EIN)

Sensor activated

- Output "Betätigt" (activated) (1) is on (EIN)
- Output "Störung" (fault) (2) is on (EIN)

Cable disconnection or interruption in connection voltage

- Output "Betätigt" (activated) (1) is off (AUS)
- Output "Störung" (fault) (2) is off (AUS)

Other functions available on request.

Subject to technical modifications.