

TORMAX 7501

Combined sensor



- › Activation and safety sensor for automatic sliding doors with precisely adjustable detection range
- › Door learning function and direction-sensitive detection
- › Optimum presence detection through monitored active infrared curtain in three rows
- › Safety at mounting heights of up to 3.0 metres

TORMAX 7501

Combined sensor

Area of application

- Activation and safety sensor for sliding doors

Features

- Installation height: max. 3.0 m, min. 2.0 m
- Detection field at max. installation height of 3 m: max. 3 m wide and 3.5 m deep
- IP protection class: IP54 (with base)
- Operating temperature: -20°C to +60°C
- Operating humidity: below 80 %
- Safety category: Category 2/PL d (according to EN ISO 13849-1:2015)
- Weight: 0.25 kg
- Colour: black
- Accessories (supplied): cable, 2.5 m with single plug connector

Electrical specifications

- Supply voltage: AC/DC 12 V to 24 V $\pm 10\%$ 50/60 Hz
- Power consumption: DC 12 V – max. 80 mA, AC 12 V – max. 1.5 VA, DC 24 V – max. 50 mA, AC 24 V – max. 2.0 VA
- Test input: max. 6 mA at 24 VDC
- Output rows 1, 2:
 - Open collector: max. 7.5 mA (resistive load)
 - Optocoupler (NPN), max. 55 VDC, max. 50 mA
- Dark current: max. 100 nA (resistive load)
- Output rows 2, 3, 4, 5: currentless open optocoupler (normally open contact) DC 50 V 0.1 A (resistive load)

Specifications IR sensor

- Detection method: Active infrared reflection
- Output hold time: approx. 0.5 s
- Reaction time: 0.1 s – 0.2 s
- Presence timer:
 - Outer 2 rows: 1 s
 - Inner 3 rows: 2 s, 30 s, 6 s or permanently active

Optional accessories

- Recessed ceiling kit



- Rain cover



- Ceiling mounting kit



Approvals

- EC type-examination certificate (tested according to: EN 16005, EN 12978, EN ISO 13849, DIN 18650)