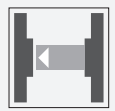


# Safety thru-beam sensor

## NOCON-ROLL-8M-OSE-1/10,5Mol

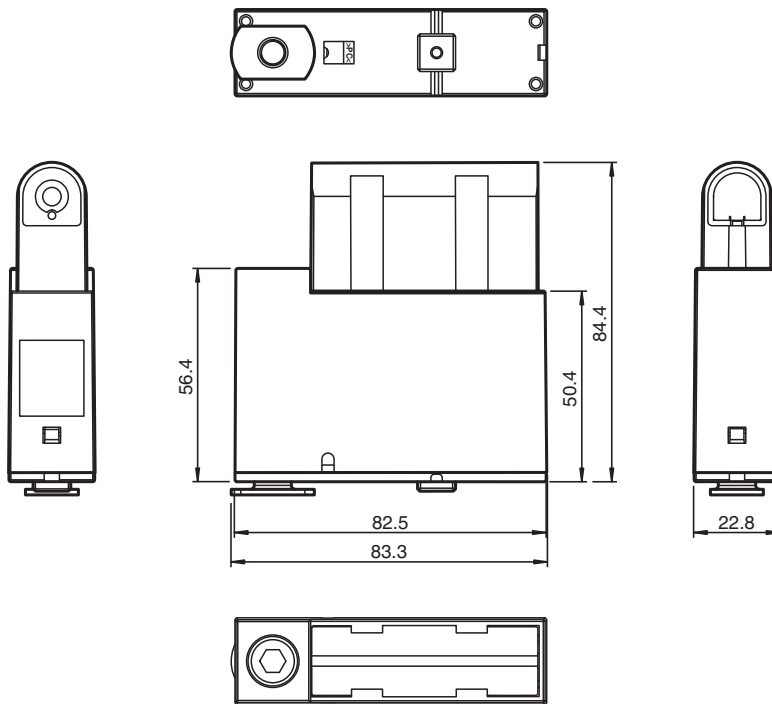
WITT Sensoric



- Noncontact closing edge protection
- Compatible with all standard controllers
- Quicker door closing possible
- Low to no closing forces for roller shutters



### Dimensions



### Technical Data

#### System components

Emitter	NOCON-ROLL-T
Receiver	NOCON-ROLL-R

#### General specifications

Effective detection range	1 ... 8 m
Threshold detection range	11 m
Number of protective field beams	1
Light source	IRED
Light type	modulated infrared light 950 nm
Safety type according to IEC/EN 61496	4

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## Technical Data

Marking		CE
Diameter of the light spot		approx. 1.2 m at a distance of 8 m
Opening angle		eff. $\pm 5^\circ$
Optical face		frontal
Ambient light limit		100000 Lux
<b>Indicators/operating means</b>		
Operation indicator		Receiver: LED green
Function indicator		emitter LED red: lit when the light beam is interrupted LED green: lights up when light beam is free
Stability alarm indicator		Emitter: flashing red/green
<b>Electrical specifications</b>		
Operating voltage	$U_B$	10 ... 24 V DC
Operating current	$I_B$	$\leq 50$ mA
<b>Output</b>		
Output type		OSE
Switching type		light-on
Signal output		900 Hz , transistor output loadable with max. 20 mA, short-circuit protected
Short-circuit-proof		yes
Energized/De-energized delay		typ. 100 ms
Response time		$\leq 20$ ms
<b>Conformity</b>		
Product standard		EN 61000-6-2, EN 61000-6-3 , EN 12978
<b>Ambient conditions</b>		
Ambient temperature		-25 ... 55 °C (-13 ... 131 °F)
Storage temperature		-25 ... 55 °C (-13 ... 131 °F)
Relative humidity		max. 95 %, not condensing
<b>Mechanical specifications</b>		
Degree of protection		IP67 according to EN 60529
Connection		PUR cable , 0.14 mm <sup>2</sup> 3 conductor halogen-free
Material		
Housing		Plastic terluran® , RAL 1021 (yellow) (fiber-reinforced plastic)
Mass		per 120 g
Dimensions		
Height		82.4 mm
Width		22.4 mm
Depth		82.8 mm