
 TI	<b>Technical Information</b>	
	Ceiling Motion Switch with ON/OFF Output	

The Series is designed for motion detection in rooms and spaces

The motion sensor is mounted on ceiling

The sensor works with low power supply

Multiple detection Ranges available

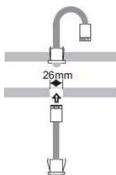
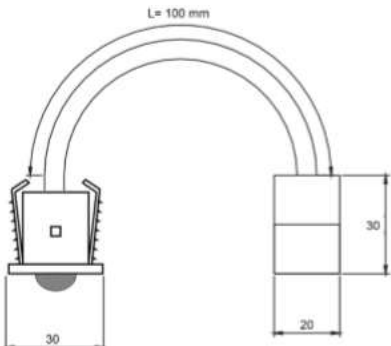
Sensor based on Passive Infrared (PIR) Technology

Motion sensor output is ON/OFF



<b>Sensor Specification</b>	Sensor Specification	Measured Sensor Characteristics Sensor Output (s) Switch OFF delay Accuracy Measuring Range (s)	Motion detection Passive, 4-segment PIR NO Relay, max. 24V DC / 1A 8 sec. N/A Refer drawings
	<b>Technical Information</b>	Electrical Information Power Supply Frequency Terminal Clamp Power Consumption Mechanical Information Cable Entry Sensing Element Position User Interface n.a. Color and Materials Housing Cover Housing Bottom Environmental Conditions Operation Temperature Operation Humidity Transport Temperature Transport Humidity Storage Temperature Storage Humidity Norms and Directives Protection Rating Safety Class Product Standard 1 Product Standard 2 CE Conformities to CE Electromagnetic Compatibility Emitted Interference CE Electromagnetic Compatibility Interference resistance RoHS Compatibility Operation Climatic Condition Operation Mechanical Condition Transport Climatic Condition Transport Mechanical Condition Storage Climatic Condition Storage Mechanical Condition	AC/DC 24V (±10%) ; SELV 50/60 Hz at AC 24V Screw terminal, max. 1.5mm <sup>2</sup> 24V; 0.15W / 0.5VA N/A Inside lens n.a. ABS, RAL 9010 (Pure white) ABS, RAL 9010 (Pure white) -20...+50°C <85% r.h., no condensation -35...+70°C <90% r.h. -20...+70°C < 85% r.h., no condensation IP20 to IEC60529 III to EN 60730 Automatic Electrical Controls for household and similar use 2009/EN 60 730-1 2004/108/EG Electromagnetic Compatibility EMV 2000/EN60730-1 Emitted Interference 2000/EN60730-1 Interference Resistance RoHS 3, Directive 2015/863 IEC60721-3-3 IEC60721-3-3 IEC60721-3-2 IEC60721-3-2 IEC60 721-3-1 IEC60 721-3-1

<b>Product Range</b>	Model	Power Supply	Output	Detection Specifications	Detection Range	Cable Lengths	Protection
	EXT-TN-1071535	AC/DC 24V (±10%) ; SELV	24V 1A (resistive), Normally Open (NO)	max. 10m / horizontal detection angle 110° / Vertical detection angle 80°	Standard / appr. 16x12m@5m Height	100mm	IP20 to IEC60529

Advices	<div>Installation Notes</div> <div><div><div><div>!</div><div>Caution</div></div></div><div><div>All relevant national and heavy power regulations</div><div>Other country specific regulations</div><div>Country-specific regulations</div><div>Local electrical supply authority regulations</div><div>Schematics, cable listings, dispositions, specification and arrangements from the customer or engineering office in charge</div><div>Third party specifications, e.g. general contractors or constructors</div></div></div>								
	<div>Mounting Advices</div> <div><div><div><div>!</div><div>Caution</div></div></div><div></div></div>								
	<div>Disposal Notes</div> <div><div><div><div><div>!</div><div>Caution</div></div></div><div><div>The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19/EU</div><div>The device may not be disposed as domestic garbage</div><div>The device must be disposed through channels provided for this purpose</div><div>It is mandatory to complying with local currently applying laws and regulations</div></div></div></div>								
Detection Ranges	<div><div><div><div><div><div><div>10m</div><div>55°</div><div>55°</div><div>46.5°</div><div>46.5°</div></div><div><div>MRC2.AA</div><div>Detection Range calculation</div><div>Ø detection Range+ tan(11) 8 instalation height</div></div></div></div><div><div><div><div>5m</div><div>50°</div><div>50°</div><div>41°</div><div>41°</div></div><div><div>MRC2.BA</div><div>Detection Range calculation</div><div>Ø detection Range+ tan(11) 8 instalation height</div></div></div></div><div><div><div><div>5m</div><div>11°</div><div>11°</div><div>19°</div><div>19°</div></div><div><div>MRC2.BA</div><div>Detection Range calculation</div><div>Ø detection Range+ tan(11) 8 instalation height</div></div></div></div></div></div></div>								
Connection	<table><tr><td>T1</td><td>T2</td><td>T3</td><td>T4</td></tr><tr><td>NO- Contact</td><td>NO- Contact</td><td>Ground</td><td>UB+ AC/DC 24V</td></tr></table>	T1	T2	T3	T4	NO- Contact	NO- Contact	Ground	UB+ AC/DC 24V
T1	T2	T3	T4						
NO- Contact	NO- Contact	Ground	UB+ AC/DC 24V						
Dimensional Drawing									
<div><div>All Information and technical data are subject to alteration</div><div>Page 2/2</div></div>									