Product data sheet

MDT TECHNOLOGIES

PSE-B552T01.02

KNX Motion Detector 2.2 m TS 55, Pure White matt

Product functions:

- Suitable for 55 mm switch ranges e.g. MDT assortment 55, GIRA Standard 55, E2, Event, Esprit, BERKER S1, B3, B7, JUNG A 500, A PLUS, A CREATION, AS 500, A 550, A FLOW or MERTEN 1M, M-Smart, M-Plan, M-Pure
- **Motion detector with 2 sensors and brightness sensor**
- **Temperature sensor to measure the room temperature**
- **Activation sensitivity for day, night, and presence individually selectable**
- 2 Light channels, 1 HVC- and Alarm channel
- **Short-term presence to reduce the follow up time**
- Master/slave function, scenes and logic functions
- **Day/Night function**
- Blocking- and forced operation with release time
- External Push-button input for automatic and manual operation
- Recommended installation height: 2.20 m
- Installation in an installation box using the included installation frame
- Integrated Bus coupler
- 3 year warranty

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Technical data:

Device	Device type	PSE Motion detector
	Article Number	PSE-B552T01.02
	EAN / GTIN	4251916114114
	Colour	Pure White, matt finish
	Dimensions (H x W x D)	55 x 55 x 26 mm
	Weight, gross (incl. packaging)	0.062 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Installation depth in switch box	12 mm
	Included carrying ring	Carrying ring A
	Recommended installation height	2.2 m
	Installation position	any
	Weight, net	0.036 kg
Inputs	Number of sensors	2
	Dynamic range	5 ... 1000 Lux
	Range	10 m
	horizontal angle of coverage	170°
	Adjustable sensitivity	10 steps
	Measuring range for temperature	0 ... 40 °C
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

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