MWD BP
Digital two-channel motion detector

FEATURES

→ Two-channel device for vehicle- and people detection

→ Planar micro wafe technology

→ Cross traffic suppression

→ Object tracking function

→ Various adjustment options of relay function

→ Pre-configured profiles for typical door applications

→ Programming with pushbutton on device or optional with remote control MWD RC

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Intelligent Door Management

List of standard parameters

Parameter	Value range / Definition
Sensitivity	1-9 and A-F 1 = low 7 = medium 9 = * F = high
Detection direction	0 = off 1 = approaching* 2 = removing
People detection	0 = off* 1 = only people (low) 2 = only people (medium) 3 = only people (high)
Vehicle detection	0 = off* 1 = only vehicles (low) 2 = only vehicles (medium) 3 = only vehicles (high)
Cross traffic suppression	0 = off* 1 = low 2 = medium 3 = high
Object tracking function	0 = off* 1 = low 2 = medium 3 = high
Relay function	0 = off* 1 = channel 1 (for channel 1)* 2 = channel 2 (for channel 2)* 3 = channel 1 or channel 2 4 = channel 1 and channel 2
Relay operation delay	0 = 0s* 1…F = 0,2s…3,0s (Value x 0,2s)
Relay drop-out delay	0 = 0s 1 = 0,2s (Value x 0,2s) 2 = 0,4s* 3…F = 0,6s…3,0s
Relay operation principle	0 = Open-circuit current principle* 1 = Closed current principle
Profiles	0 = Parameter changed after choice of profile (only display!) 1 = Parameter profile 1: Setup of factory setting* 2…9 = Parameter profiles 2…9

* Factory settings

Order description:

MWD BP-C
Radar Motion Detector

Accessories:

MWD RC-A, Remote control for MWD BP

Technical Data:

Dimensions (W x H x D)	135 x 65 x 130 mm
Protection class	IP 65
Power supply	12…27 V_{AC} / 12…30 V_{DC}
Power consumption	typ. 1.0 W; max. 2.4 W
Temperature range	
Operation	-20°C up to 55°C
Storage	-30°C up to 75°C
Humidity	<95%, not condensing
Operating frequency	typ. 24.125 GHz
Transmitting power	typ. 40 mW, max. 100 mW
Output relay	
Max. turn on voltage	1 A at 30 V AC/DC
Min. turn on voltage	1 mA / 5 V_{DC}
Max. mounting height	7 m