




Switching with 1 or 2-channel motion detectors with simple light measurement

Motion detector	Page				Simple light measurement	Motion detection	Remote control-capable	Range	Additional function
PD3N-1C	21	92190	92196	92186	■	■	■	Ø 10 m	–
PD3N-1C-NO	22	–	92576	–	■	■	■	Ø 10 m	–
PD3N-1C Acoustic	23	92219	92184	–	■	■	■	Ø 10 m	with sensor
PD3N-2C	24	–	92198	92188	■	■	■	Ø 10 m	–
PD4N-1C	25	92144	92149	92151	■	■	■	Ø 24 m	–
PD4N-1C-C	26	92270	92274	–	■	■	■	max. Ø 40 m	Corridor detectors
PD9-DIGI	27	–	92917	–	–	■	–	Ø 3 m	Installation in light fittings
PD9-1C	28	–	92902 – white	–	■	■	–	Ø 10 m	Mini detector
PD9-1C-GH	29	–	92934 – white	–	■	■	–	Ø 6 m	large mounting heights
PD9-1C-12-48 V-FC	30	–	92985	–	■	■	–	Ø 10 m	12-48 V
HF-MD1	31	94401	–	–	■	■	–	max. Ø 16 m	HF detector
HF-MD1 ESL	31	94417	–	–	■	■	–	max. Ø 16 m	HF detector
HF-MD2	32	94402	–	–	■	■	–	max. Ø 16 m	HF detector

Overview of range in relation to mounting height

PD3N- and PD9 motion detector

Range (circular detection) T=18°C			
Mounting height	Smaller movements	Walking across	Walking towards
2.00 m	r=1.60 m	r=4.00 m	r=2.50 m
2.50 m	r=2.00 m	r=5.00 m	r=3.00 m
3.00 m	r=2.40 m	r=6.00 m	r=3.70 m
3.50 m	–	r=7.00 m	r=4.30 m
4.00 m	–	r=8.00 m	r=4.80 m
4.50 m	–	r=9.00 m	r=5.40 m
5.00 m	–	r=10.00 m	r=6.00 m

PD4N motion detector

Range (circular detection) T=18°C			
Mounting height	Smaller movements	Walking across	Walking towards
2.00 m	r=2.60 m	r=8.50 m	r=3.20 m
2.50 m	r=3.20 m	r=12.00 m	r=4.00 m
3.00 m	r=3.80 m	r=14.50 m	r=4.80 m
3.50 m	r=4.50 m	r=17.00 m	r=5.50 m
4.00 m	–	r=19.50 m	r=6.80 m
4.50 m	–	r=22.00 m	r=7.20 m
5.00 m	–	r=24.00 m	r=8.00 m

PD9-GH motion detector

Range (circular detection) T=18°C	
Mounting height	Walking across
5.00 m	Ø=3.00 m
6.00 m	Ø=3.50 m
7.00 m	Ø=4.20 m
8.00 m	Ø=4.80 m
9.00 m	Ø=5.40 m
10.00 m	Ø=6.00 m

Ø=diameter

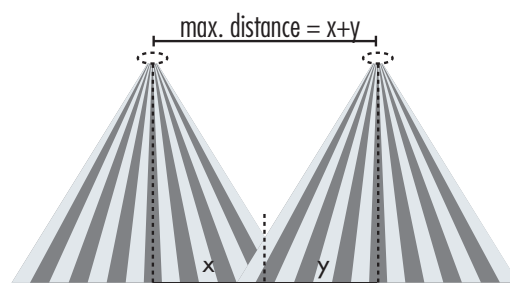
r=radius

Detector positioning



Maximum motion detection is achieved by walking across the detection area, not by walking towards it. This should be borne in mind when it comes to corridors.

Detector distance



In order to eliminate potential "dead zones", detection areas may overlap.