

## COMPACT MICROWAVE RADAR XM100



### TECHNICAL SPECIFICATIONS

Technology	hyperfrequency and microprocessor
Emitted frequency	24.175 GHz
Radiated power	< 20 dBm EIRP
Emitted power density	< 5 mW/cm <sup>2</sup>
Mounting height	from 1.8 m to 3 m
Tilt angles	0° to 90° vertical and -30° to + 30° lateral
Detection area (mounting height = 2.2 m)	4 m (L) x 2 m (P)
Detection mode	movement
Detection minimum speed	5 cm/s (measured in the radar axis)
Power supply voltage	12 V a 24 VDC +30% / -10%
Power consumption	< 2 W (VA)
Output (electronic relay)	
Max. current	250 mA
Max. voltage	50 V dc/Vac
Temperature range	from -20 °C to +55 °C
Protection class	IP54
Certification	R&TTE 1999/5/EC; EMC 2004/108/EC
Housing material	ABS & Polycarbonate
Housing colour	black smoked, aluminum
Dimensions	80 mm (L) x 60 mm (H) x 55 mm (D)
Weight	140 g
Length of cable	2.5 m