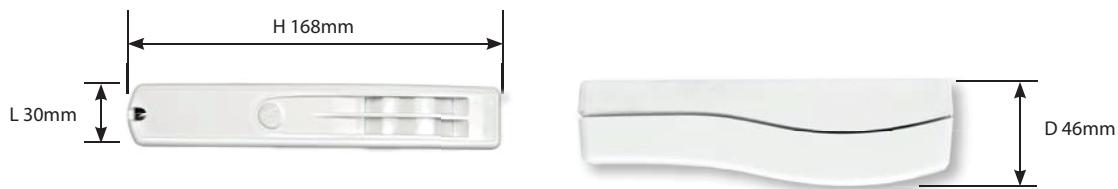




FEATURES

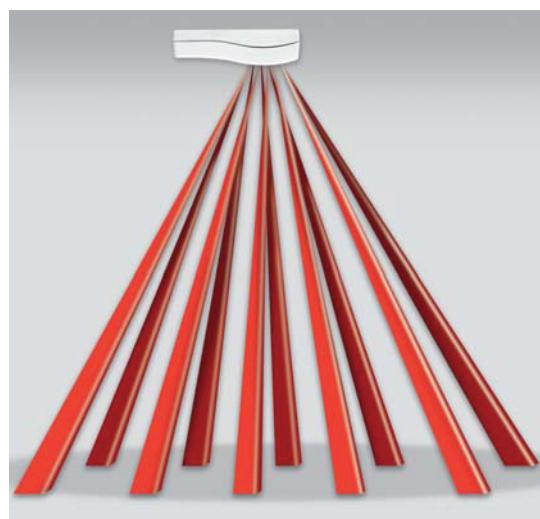
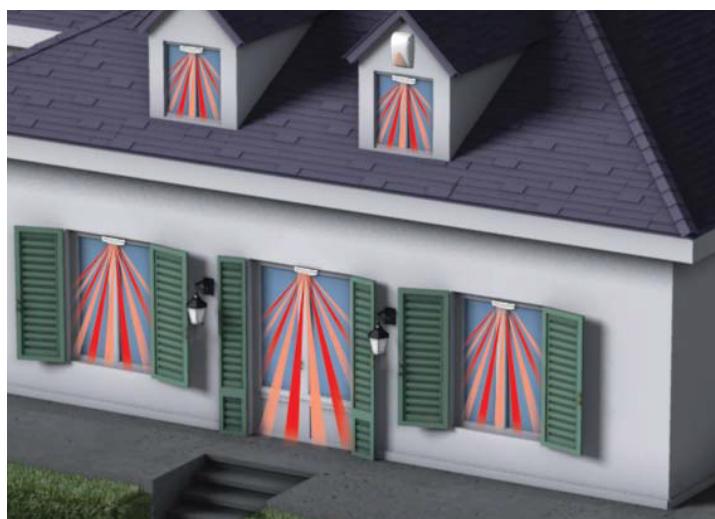
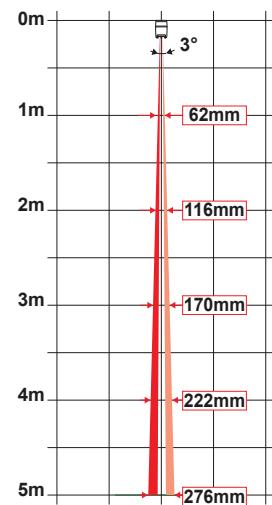
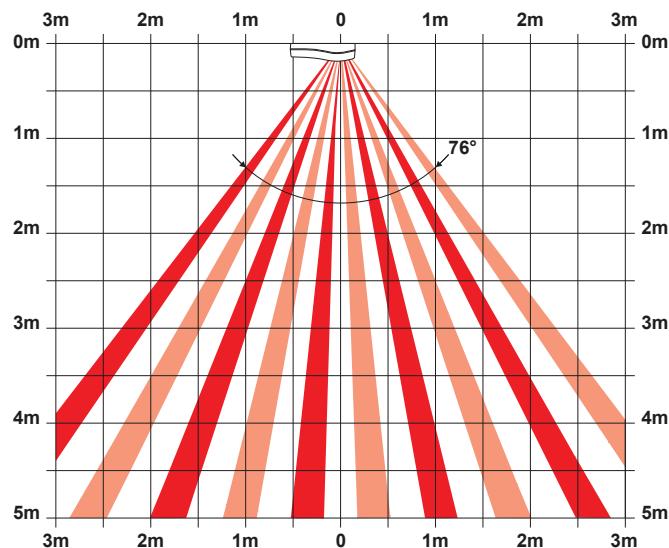
- The detector DUALRED BUS offers a reliable protection of doors and windows. It is composed of two physical/logical units, a dual PIR sensor and an internal magnetic contact. Alternatively to the internal contact, an external magnetic contact, a rope contact or an inertial detector can be connected.
- The two physical/logical units can be programmed so as to function together, with the AND or the OR detection logic, or independently. In the independent mode, the two units are identified by the system as two independent zones. If the magnetic contact is opened during the arming phase, it is automatically excluded.
- The two physical/logical units can be programmed so as to function together, with the AND or the OR detection logic, or independently. In the independent mode, the two units are identified by the system as two independent zones. If the magnetic contact is opened during the arming phase, it is automatically excluded. In this case, if the combined functioning has been set with the AND detection logic, the detector automatically adopts the OR logic.
- The detector DUALRED BUS can be used indoors or in sheltered outdoor areas, not directly exposed to the weather conditions. It is equipped with a programmable antimasking function and automatic diagnostic functions, such as self test and temperature compensation.
- Thanks to RSC® technology, all functioning parameters, such as sensitivity, range and pulse count are programmable locally and from a distance. In addition, it is possible to define the privileged sense of beam crossing.



DUAL RED BUS

	DUALRED BUS	2 LOGICAL UNITS	 ANTI-MASK	 AND OR LOGIC	 SELF TEST	 TEMPERATURE COMPENSATION	 RANGE $\pm 5m$	 IP34
	Compatible systems: TP8-28 - TP8-28 GSM - TP10-42 - TP8-88 - TP20-440							
	Item no. F102DUALREDBUS White color Item no. F102DUALREDBUSM Brown color							

Coverage diagrams



SPECIFICATIONS

Physical/logical unit IR	IR elements	2
	Infrared beams	10
	Levels (infrared beams)	2
	Max. range	5m
	Sensitivity	Programmable (2 settings)
Physical/logical unit contact	Internal magnetic contact	Reed ampulla
	Input	Magnetic contact - rope contact - inertial detector
	Self exclusion	Programmable
Functioning mode	Combined	Occupies 1 zone
	Independent	Occupies 2 zones
Detection logic	AND	IR + contact
	OR	IR or contact
	Sense of beam crossing	3 settings
	Pulse count	1 or 3 pulses
Anti-tamper protection	Anti-opening and anti-detachment	Micro-switch
	Antimasking	Programmable

Signaling	Alarm	✓
	Tamper	✓
	Antimasking	✓
	Failure	✓
Active status	Always active or with armed program	Programmable
	Self test	Automatic
Electrical specifications	Temperature compensation	Automatic
	Rated voltage	12V DC
	Operating voltage	10V DC...14.5V DC
	Consumption in stand-by	20mA @ 12V DC
Connection	Max. consumption	25mA @ 12V DC
	RS485	Sensor Bus
Physical specifications	Environmental class	II
	Protection class	IP34-IK02
	Casing	ASA
	Dimensions (L x H x D)	168 x 46 x 30mm
	Weight	80g
	Operating temperature	-20°C...+55°C