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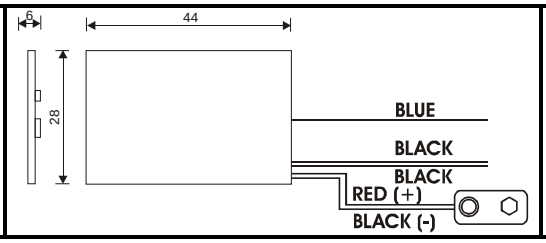
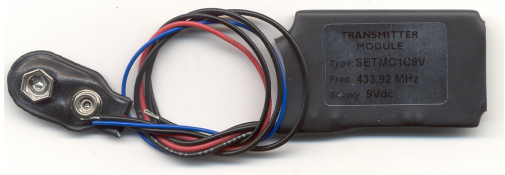
PRODUCT TECHNICAL SPECIFICATIONS

Product	*Brand*	*Type*	*File*	*Rev.*	*Date*	*FCC-ID*
Encoded Transmitter Module	-	**SETMC1C9V**	**IS-TMC1C9V**	**2**	**19/1/2015**	**PWJTMC1C9V**

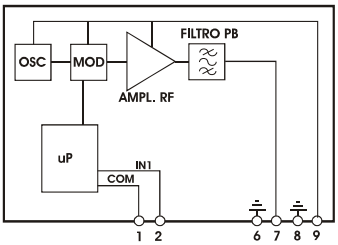
Description	Saw transmitter module with external aerial and internal security code (Keeloq® Hopping code)				
Applications	RF Transmissions of digital signal from pure contacts				
Technical specifications	**Parameter**	**Min**	**Typ**	**Max**	**Unit**
	Band	433,05 – 434,790			MHz
	Carrier frequency	-	433,92	-	MHz
	Carrier frequency tolerance	± 100			KHz
	E.r.p emitted power	-	-	60.50	dBµV/m
	Spurious emissions	-	-	-73	dBm
	Modulation	AM / ASK			
	Baud-rate	-	834	-	Bit/sec
	Output load	-	50	-	Ω
	Power supply	-	+9	-	V
	Current consumption	-	-	17	mA
	Dimensions (l x h x p)	45x 28 x 6			mm
	Operating temperature	- 20 ÷ + 80			°C
	Wirings	9V Battery connection + 1 antenna + NO input			200 mm
	Input	1			-
	Range (in open space)	1000			m
	Input type	Pure contact			
	Security coding	Keeloq® Hopping code			
	Security code combinations	2^{64}			

Mechanical specifications





Block Diagram



WIRINGS

1 : BLACK = N.O. INPUT CONTACT
2 : BLACK = N.O. INPUT CONTACT
7 : BLUE = ANTENNA
9 : RED = POWER SUPPLY (+ 9Vdc)
8 : BLACK = POWER SUPPLY 0V

FCC Warning

Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Note: this device is intended only for OEM integrators. Integration is strictly restricted under control of the Grantee.

NOTES FOR INTEGRATORS

For a host manufacture's using a certified modular, if (1) the module's FCC ID is not visible when installed in the host, or (2) if the host is marketed so that end users do not have straightforward commonly used methods for access to remove the module so that the FCC ID of the module is visible; then an additional permanent label referring to the enclosed module: "Contains Transmitter Module FCC ID: PWJTMC1C9V*" or "Contains FCC ID:* PWJTMC1C9V*" must be used. The host OEM user manual must also contain clear instructions on how end users can find and/or access the module and the FCC ID.*