

Characteristics	SIM10M	SIM10Z	SIM6BZ
Power supply	Class 2 SELV (Safety Extra Low Voltage) power supply: 24 V DC		Lithium battery 3,6 Volts 2/3 AA 1500 MAh
Consumption	10 mA typical at 24 VDC	20 mA typical at 24 VDC	100 μ A typical Automatic detection of low battery
Digital inputs	Self powered 2.3V – max 1mA		
Mixed mode: ON/OFF status and/or pulses acquisition			
Maximum pulses frequency	8 Hz	8 Hz	3 Hz
Minimum pulse duration	5 ms	5 ms	5 ms
Maximum pulse duration	500 ms	500 ms	500 ms
Counter mode			
Maximum pulses frequency	8 Hz	8 Hz	3 Hz
Minimum pulse duration	5 ms	5 ms	5 ms
Maximum pulse duration	None	None	None
Analog inputs	0-10 V		
Resolution	0.01 V		
Digital outputs	24 V DC/50mA		
Regulatory/standards compliance for safety	IEC/EN 60950-1		
Regulatory/standards compliance for electromagnetic interference	EN/IEC 61000-6-2 (immunity) EN/IEC 61000-6-3 (disturbances)	EN/IEC 61000-6-2 (immunity) EN/IEC 61000-6-3 (disturbances) EN 300-328 EN 301-489-1 EN 301-489-3	
Regulatory/standards compliance for radio product		EN 300-328	
Antenna connector		SMA male	
RS 485 Modbus Communication	2400 to 38400 bauds Parity: odd, even, none		
USB	Mini USB type B connector		
RF ZigBee connection	No	Yes	Yes
Configuration tool	PC tool via USB connector	PC tool via USB connector or via ZigBee gateway EGX105Z	
Languages of configuration	French, English, Spanish, Italian		
IP	IP20		
Operating temperature	-30°C, +85°C		-30°C, +80°C
Humidity	5-90% non condensing		

Dimensions/installation: METSIM10M, METSIM10Z, METSIM6BZ

