

# HUMUS SENTRY

Parameters	Min	Typ	Max	Unit	Conditions
<b>Soil moisture sensor</b>					
VWC resolution	1			%	
VWC range	0		100	%	
<b>Communication</b>					
RF frequency	433			MHz	Banda ISM / SRD
RF Modulation	GFSK				
RF transmission baud rate	1200			Bd	
Data protection	Pseudo random bit scrambling				
Distance between sensors			400 600 2	m m Km	Thick vegetation (line of sight) Thin vegetation (line of sight) No vegetation (line of sight)
RF TX power			10	mW	
RF TX current		25		mA	
<b>Mechanical characteristics</b>					
Life Time	5			years	
Temperature	-40		+85	°C	
Weight		44		g	
Dimension	L 80.6	W 14	H 17.6	mm	
<b>Other info</b>					
Standard compliance / Certifications	CE				
IP protection	Effective protection against rain Hardened against high humidity				
Package	Environmental friendly				

