

Designation:	Reader Tag Sensata
Rref.:	BLE-RT0106
Description:	<p>Device has been designed specifically for industrial application to filter the BLE Beacon from Sensata manufateur.</p> <p>The device acquires the BLE frames in the environment and sends them to the serial port with identification of the tag's MAC Address and the RSSI signal at reception, on this format string: \$<rss>,<macaddress>,<ble raw><cr></p> <p>No configuration required</p>
Power Supply:	<p>24VDC, with galvanic isolation</p> <p>21,6Vdc – 26,4Vdc</p> <p>Vmax. (1s): 30Vdc</p>
Current consumption:	< 100 mA (@24Vdc)
24Vdc Protection	<p>Voltage spikes and galvanic protect of 1,5kV (in-ou 1min @ 1mA)</p> <p>Inverted polarity protection</p>
Supervisory:	Watchdog at end 1.6s
BLE Scan Manufacturer ID (fixed):	0106 (Sensata Code)
Communication interface:	<p>Serial Port, with galvanic isolation</p> <p>Protocole - RS232</p> <p>Cable (5 meters) with 4 wires</p> <p>Brown - Power Supply</p> <p>White - Ground</p> <p>Green – Rx Received Data</p> <p>Yellow – Tx Transmitted Data</p>
BaudRate (fixed):	115200 bps,8 Data bits, None parity, 1 Stop bit
RS232 Protection	<p>ESD +/- 15kV (on air discharge)</p> <p>Galvanic protect (in-ou 3KV rms)</p>
Connectivity RF:	<p>Bluetooth Low Energy V5.0</p> <p>Chipset: u-blox with internal antenna</p>
Box:	<p>Color - White</p> <p>Dimensions - 80x40x40 (mm)</p> <p>Material – PVC, fixed by magnets</p>

