

Each manufacturer of motion sensors gives max. value of supply current. In the most popular motion sensors the value should not exceed 15 Am. Here are the measurement of the most common motion sensors.

1. After switching on the power of motion sensor.

Status	Current intensity KITAS2+ [mA]	Current intensity KITAS2 [mA]
Impulse	10,1 - 10,4	5,8 - 6,1
No impulse		6,5 - 6,8

2. One minute after switching off the power of motion sensor.

Status	Current intensity KITAS2+ [mA]	Current intensity KITAS2 [mA]
Impulse	2,1 - 2,4	5,8 - 6,1
No impulse		6,5 - 6,8

3. While driving.

Status	Current intensity KITAS2+ [mA]	Current intensity KITAS2 [mA]
Drive	11,3 - 11,4	6,5 - 6,7

4. After stopping

Status	Current intensity KITAS2+ [mA]	Current intensity KITAS2 [mA]
Impulse	10,1 - 10,4	5,8 - 6,1
No impulse	11,8 - 12,2	6,5 - 6,8

5. Two minutes after stopping.

Status	Current intensity KITAS2+ [mA]	Current intensity KITAS2 [mA]
Impulse	2,1 - 2,4	5,8 - 6,1
No impulse	3,8 - 4,3	6,5 - 6,8

There can be a jump of current intensity 1,7 – 1,8 mA more than the maximum values, if the motion sensor is misaligned with tachograph.