

HELAGO-CZ, s.r.o.
Commercial Register maintained by the Regional Court in Hradec Králové
Section C, File 17879
Kladská 1082
500 03 Hradec Králové 3
Company ID: 25 96 39 61, VAT: CZ 25963961
Phone: 495 220 229, 495 220 394

Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz 5240701 - Ultrasonic motion sensor S

Order code: **5210.5240701**



Cena bez DPH 263,00 Eur Price with VAT 318,23 Eur

Parameters

Sensors Fyzika

Quantitative unit ks

For measuring distances and sound travel times with CASSY (5210.524 006, 5210.524 018, 5210.524 013). A distance is determined from the time-of-flight of an impulse of ultrasound. Derivations enable velocity and acceleration measurements.

This sensor is only supported by CASSY Lab 2, which is also available as an upgrade (5210.524 220UP).

Technical Data

- Distance measurement
 - o Measurable distance: 0.25 ... 10 m
 - \circ Measuring ranges: 1/2/5/10 m ($\Delta t = 20/40/100/200$ ms)
 - $\circ\;$ Resolution: 0,1 mm in the small measuring ranges
- Sound travel time
 - o Measuring range: 10/20/50 ms
 - Resolution: 1 μs in the small measuring ranges
- Dimensions: 65 mm x 51 mm x 27 mm
- Weight: 0.1 kg