





















Cobra SMARTsense

Phywe-No.	Sensor	Picture	Range	Resolution	Samplerate	Rechargeble	Weight	Auto shutdown (if not connect)	BLE type	max. Range (unobstructed)
12901-00	Voltage		± 30 V	0,02 V	800 Hz	✓	45 g	5 min.	4.0	30 m
12902-00	Current		± 1 A	0,5 mA	800 Hz	✓	49 g	5 min.	4.0	30 m
12904-00	Force		± 50 N	30 mN	800Hz	✓	96 g	5 min.	4.0	30 m
12921-00	pH/potential		0...14 pH	0,01 pH	10Hz	CR2032*	42 g	5 min.	4.0	30 m
12903-00	Temperature		- 40...120°C	0,01 °C	10 Hz	CR2032*	34 g	5 min.	4.0	30 m
12909-00	Photogate		0 ... ∞ s	0,01 ms	800 Hz	✓	119 g	5 min.	4.0	30 m
12922-00	Conductivity		0...20000 µS/cm 0...100 °C	1 µS/cm 0,1 °C	10 Hz	✓		5 min.	4.0	30 m
12905-00	Pressure		20...400 kPa	0,1 kPa	800 Hz	✓	35 g	5 min.	4.0	30 m
12906-00	Light		1...128 kLx	0,1 Lx	10 Hz	✓	22 g	5 min.	4.0	30 m
12931-00	Humidity		0...100 %rH	0,1 %rH	10 Hz	✓	29 g	5 min.	4.0	30 m
12907-00	Acceleration		± 8 g	0,05 g	100 Hz	✓	21 g	5 min.	4.0	30 m
12908-00	Motion		0,20...2m	1 mm	50 Hz	✓	36 g	5 min.	4.0	30 m
12911-00	Magnetic Field		± 64 mT	0,04 mT	800 Hz	✓	32 g	5 min.	4.0	30 m

12934-00	EKG		0...4.5 mV	4,5 μ V	1000 Hz	✓	40 g	5 min.	4.0	30 m
12932-00	CO2		0...100000 ppm	2 ppm	1 Hz	✓	56 g	5 min.	4.0	30 m
12923-00	Ion Dropcounter		0... ∞ Imp	30 Imp/s	50 Hz	✓		5 min.	4.0	30 m
12936-00	Spirometer		\pm 10 l/s	0,05 l/s	10 Hz	✓		5 min.	4.0	30 m
12933-00	Oxygen		0...20 mg/l	0,01 mg/l	100 Hz	✓	40 g	5 min.	4.0	30 m
12924-00	Colorimeter		0...100 %	0,01 %	10 Hz	✓		5 min.	4.0	30 m
12935-00	Heart Rate		30...200 bpm	1 bpm	10 Hz	✓	36 g	5 min.	4.0	30 m

*Lifetime about Half Year, depends on how often use.