

micron M



Technical Data

Radio transmitter	micron M
Combined with	FSE 512 merlin®
Control Concepts	Point-to-point operation, catch-release
Operating elements	8 two-step push buttons
Control functions	Up to 16 control functions (on / off)
Indication	LED / transmitter vibration: operating / battery status, availability of the receiver for catching
Safety	E-STOP: PL d category 3 according to EN ISO 13849-1:2015 Protection from unauthorized use: Activation via HBC start-up sequence or merlin® TUC Auto Power Off: Automatic deactivation of the transmitter after 15 min without command input
Enhanced safety functions	radiomatic® zero-g / inclination switch, <i>optional</i> : access control via merlin® TUC
Service concept	merlin® iLOG / merlin® Receiver Master Card
Frequency ranges	Country-independent use in the ISM band: 2402 – 2480 MHz; channel spacing: 1 MHz; output power: max. 100 mW
Frequency management	Adaptive Frequency Hopping
Antenna	on-board, 2.15 dBi
Battery technology	Built-in rechargeable Li-ion battery; continuous operating time: typically 30 hours
Charging technology	Inductive charging, typical charging time < 4 h
Housing material	ABS / TPE
Dimensions / weight	176 x 63.25 x 47.5 mm (6.93" x 2.49" x 1.87") / 320 g (0.71 lbs.)
Operating temperature	-25 °C ... +70 °C (-13 °F ... +158 °F)
Protection class	IP 65

