

Spare part plug, 4-pin

The simplest timing system for equestrian sports coming soon at 2nd quarter of 2020.

Preliminary version.



Photocell System	infra-red, pulsing
External Light Security	10 kLux / 20°
Range IR Transmitter	Standard version 45m or Extended 70m both with functional reserve
Time Precision	high precision timing system, GPS synchronized
Time Base	1/10.000 sec
Time Drift	< 1 ppm @ -40°C < T < 85°C, Ageing +/- 1 ppm max per year
IR Receiver Precision	< 200 µS, repeated, fixed delay 500ms
Radio Frequency	ISM Band 863 < 870 MHz (Europe) 28 Channels, Mesh network topology
Power	32mW
Range	typ. 500m line of sight, nom. 2,5km optimal conditions
Stand-by Memory Function	active for 4 hours after switching module off
Safety Function	save sync clock
GPS Receiver	GPS, Glonass (optional)
Charge & Sync Socket	5 pin socket RS485
Working Temperature	-20°C < T < 60°C
Working Time	@ 20°C up to 120 hours (Transmitter), up to 85 hours (Receiver)
Battery	internal Lithium-Ion Rechargeable Pack 8,4V / 6700mAh
Battery Loading	with special charger @ 10°C < T < 45°C
Safety Unit	over voltage / under voltage / short circuit protection / current limit
Dimension, Weight	176 x 112 x 56mm , 800g
Homologation	coming soon at 2nd quarter of 2020



Techsheet



Wiebrock Mess- und Regeltechnik GmbH

Maschstr. 22 * 32052 Herford
Germany
Phone +49 5221 98 29 0
www.wiebrock.de

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