

Product data sheet

Specifications



Wiser Link - Pulse emitter

EER31110

⚠ Discontinued on: Dec 15, 2021

⚠ Discontinued

Main

Range	Wiser
Product Or Component Type	Pulse emitter
Device Short Name	MPE

Complementary

Type Of Measurement	Calorie consumption Gas consumption Water consumption
Supply	Internal battery
[Us] Rated Supply Voltage	3.6 V DC
Battery Type	Lithium 3.6 Ah
Battery Life	10 year(s)
Input Type	REED switch Dry contact Open collector
Voltage Delivered By Mpe	2.7 V
Pulse	Pulse duration > 66 ms Delay between pulses > 33 ms
Communication Interface	With MPR: radio frequency (868 MHz)
Radio Range	200 m
Index Report	Once per day
Mounting Mode	By screws
Mounting Support	Wall mounted
Mounting Position	Vertical
Communication Service	Battery life Pulse index
Connections - Terminals	Bottom pre-wired cable (yellow and black) - 3 x 0.5 mm²
Cable Length	1 m
Material	ABS (acrylonitrile butadiene-styrene)
Height	97.5 mm
Width	47.5 mm
Depth	36.5 mm
Net Weight	0.143 kg

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Range Compatibility	Wiser MPR pulse receiver Wiser EM5 energy meter
Product Compatibility	Wiser MPR Pulse output: gas, calorie, water meter

Environment

Ip Degree Of Protection	IP68 conforming to IEC 60529
Ik Degree Of Protection	IK06 conforming to IEC 60068-2-75
Relative Humidity	95 % at 40 °C
Operating Altitude	0...2000 m
Ambient Air Temperature For Operation	-20...60 °C
Ambient Air Temperature For Storage	-40...70 °C
Standards	EN 60079-0:ed. 6, 2012 EN 60079-11:ed. 6, 2012 ETSI EN 300 220-2:v2.3.1, 2010
Marking	II 2G Ex ia IIA T3
Product Certifications	ATEX
Quality Labels	CE
Fire Resistance	650 °C during 30 s

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	8 cm
Package 1 Length	11.5 cm
Package 1 Weight	186 g

Sustainability

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[Guide to assess a product’s sustainability >](#)

Well-being performance

	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Eu Rohs Directive	Compliant	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration	Pro-active China RoHS declaration (out of China RoHS legal scope)
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	