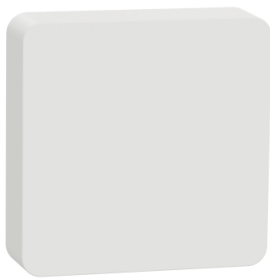


Product data sheet

Specifications



Temperature/Humidity Smart Sensor, PDL Wiser, 3 V DC IP20, White

PDL593011

Main

Product brand	PDL
Range	Wiser
Concentrator compatibility	Wiser hub generation 1
Product or component type	Sensor
Mobile App name	Wiser by SE
Colour tint	White (RAL 9003)
Sensor type	Humidity sensor Temperature
Supply	Battery3 V / CR2450

Complementary

Device presentation	Complete product
Device mounting	Surface
Communication network type	Wireless Zigbee (2.4 GHz), 2.5 mW at < 50 m
Battery life	5 year(s)
Local signalling	1 orange LED blinking , function: battery needs replacing
Measurement range	10...95 % RH
Measurement temperature	-10...50 °C
measurement signal interval	30 min 10 min 5 min 1 min
fixing mode	By screws and dowels Adhesive tape
Depth	17.2 mm
Height	45 mm
Width	45 mm
Standards	EN/IEC 60730-2-9 EN/IEC 60730-2-13
Product certifications	CE Zigbee 3.0

Environment

Ambient air temperature for operation	-10...50 °C
Relative humidity	10...95 %

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

Operating altitude	<= 2000 m
IP degree of protection	IP20

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.2 cm
Package 1 Width	7.5 cm
Package 1 Length	7.5 cm
Package 1 Weight	75.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.32 kg
Unit Type of Package 3	P06
Number of Units in Package 3	640
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	61.54 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.2 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	271c0f12-2b47-4978-ad49-d9b9d804324e
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	1
End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative

