

Product data sheet

Characteristics

PDL599WSAL

PDL Wiser, Lithium Battery Smoke Alarm, Surface Mount IP20, White



Main

Range of product	Wiser
Range	Wiser
Product brand	PDL
Concentrator compatibility	Wiser hub generation 1
Product or component type	Smoke detector
Device application	Early detection of smouldering fires and open fires
Mobile App name	Wiser by SE
Electronic sensor type	Photo-electric sensor
Type of packing	Carton

Complementary

Colour tint	White (RAL 9003)
Supply	Battery
[Us] rated supply voltage	3 V DC
Battery type	Lithium 3 V
Battery life	10 year(s)
Communication network type	Wireless Zigbee (2.4 GHz), 2.5 mW at < 50 m
Detection type	Heat Smoke
Function available	Local alarm Hush function Self-test of smoke detection
Technology type	Scattered light (Tyndall effect)
Type of measurement	Smoke
Control type	Button (test/hush function)
Maximum number of device interconnected	40 for wireless alarm
RF range	50 m indoor 40 m indoor
Horn level	85 dB at 3 m, minimum
Time delay range	10 min (hush)
Local signalling	Visual: 1 LED (red) for warning and low battery Visual: 1 LED (green) for connection state Sound: signal (green) Sound: alarm
Material	Thermoplastic
Type of installation	Indoor
Device mounting	Surface
Mounting support	Ceiling Wall-mount
Fixing mode	By screws
Height	33.5 mm
Width	89.5 mm
Depth	89.5 mm

Environment

IP degree of protection	IP20
Ambient air temperature for operation	0...45 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	0...95 %
Product certifications	Activfire
Standards	AS 3786

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.0 cm
Package 1 Width	11.5 cm
Package 1 Length	12.5 cm
Package 1 Weight	238.0 g
Unit Type of Package 2	PAL
Number of Units in Package 2	576
Package 2 Height	104.5 cm
Package 2 Width	80 cm
Package 2 Length	120 cm
Package 2 Weight	165.696 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
Halogen content performance	Halogen free plastic parts product