

**Product data sheet**  
Characteristics

**PDL599WSAL**

**PDL Wiser Lithium Battery Smoke Alarm,  
Surface mount**



**Main**

Range of product	Wiser
Range	Wiser
Product brand	PDL
Product or component type	Smoke detector
Device application	Early detection of smouldering fires and open fires
Electronic sensor type	Photo-electric sensor
Colour	White (RAL 9003)
Type of packing	Carton

**Complementary**

Supply	Battery
[Us] rated supply voltage	3 V DC
Battery type	Lithium 3 V
Battery life	10 year(s)
Detection type	Heat
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

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## 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	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
Halogen content performance	Halogen free plastic parts product