

PL171

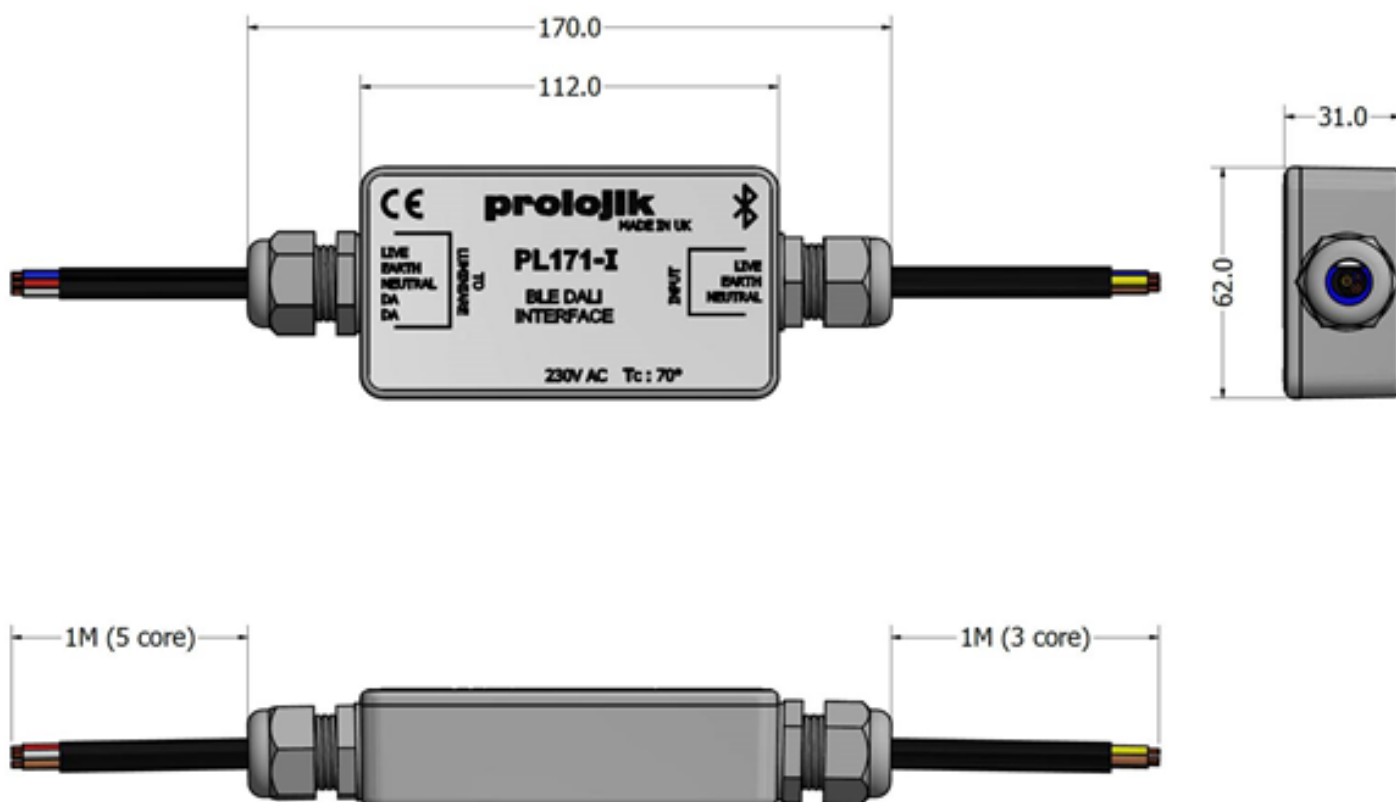
The **PL171** is a BLE to DALI interface, built to achieve wireless controls to a luminaire fitting. The **PL171** is designed to complement the PS580BLE sensor range, receiving commands on the BLE mesh, which are then relayed over DALI to the LED driver in the fitting.

The Bluetooth mesh also interfaces with the GN100 GO™ Edge Gateway to collect and export data to the cloud.

Key Features:

- Live and Neutral through-wire terminal (In-Out)
- Bluetooth mesh networking
- Low profile form-factor
- Automatic device discovery





Specifications

Wireless Specification

Bluetooth®	V4.2 Single Mode
Frequency	2.402-2.480 GHz
Max transmit Power	4dBm
Receive Sensitivity	-91dBm (typical)
Whispermode	Down to -55dBm (transmit)
Link Budget	95 dB (@1Mbps)
Raw Data Rates	1Mbps (over the air)

Approvals

Bluetooth®	End Product Listing (EPL)
Conformance	FCC/IC/CE/MIC

Mains Input

Mains supply: 230Vac +/- 10%; 50Hz

DALI Supply

20mA Dali current output

Dimensions

170 mm x 62 mm x 31 mm (LxWxH)

Safety

EN 62368-1
Isolation: 4kV between mains & network

Conformity & Standards

EMC immunity EN 61000-6-1
EMC emissions EN 61000-6-3
IP66 rated housing
ARCOM MasterSpec 2013 Classification 29 09 23

Environment

Storage
Temperature: -10°C - +60°C
Humidity: 0% - 90% non condensing
In Use
Temperature: 0°C - +56°C
Humidity: 10% - 90% non condensing

Important

All wiring must be carried out by a qualified electrician in accordance with the current edition of the wiring regulations and any applicable regional standards

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