

PULSE SPLITTERS

INSTALLATION GUIDE

Langham Controls Pulse Splitter is designed to split the pulse signal from a single utility meter to multiple data acquisition systems such as data loggers, AMR devices and PLCs. The Pulse splitter is fully potted to provide ingress protection to IP68. The Pulse Splitter is a passive device that does not require batteries.

Installation procedure (bare end)

- **Step 1:** connect the input cable to the meters pulsed output. Where applicable the polarity is:
Red = mostly positive (+)
Black = mostly negative (-).
- **Step 2:** connect the output one cable to a data acquisition device. Where applicable the polarity is:
Red = mostly positive (+)
Black = mostly negative (-).
- **Step 3:** connect the second output to the remaining data acquisition device. Where applicable the polarity is:
Red = mostly positive (+)
Black = mostly negative (-).
- **Step 4:** check that both data acquisition devices are recording correctly. If one device is not wired correctly it has the potential to prevent the other device from receiving pulses. If either or both devices are not recording correctly, please check the polarity.

Installation procedure (terminated connections)

If supplied with terminated connections, please refer to the meter/data acquisition device's installation instructions. Please contact Langham Controls for connector-specific instructions if required.

IMPORTANT

The Pulse Splitter provides no intrinsic safety isolation required for gas/potentially explosive environments.



2 way Pulse Splitter – LPS012



3 way Pulse Splitter – LPS013