

# PULSE SPLITTER Installation Guide

## Introduction

Langham Industrial Controls Ltd 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 Splitters 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 (+) and Black = Mostly Negative (-).

Step 2: Connect the output one cable to a data acquisition device. Where applicable the polarity is Red = Mostly Positive (+) and Black = Mostly Negative (-).

Step 3: Connect the second output to the remaining data acquisition device. Where applicable the polarity is Red = Mostly Positive (+) and 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 Industrial Controls Ltd for connector specific instructions if required.

## IMPORTANT

The Pulse Splitter provides no intrinsic safety isolation required for Gas/Potentially Explosive Environments.

Langham Industrial Controls Ltd  
48 Alexandra Street, Burton Latimer  
Northamptonshire, NN15 5SF

+44 (0) 1536 724391  
info@langhamcontrols.com  
Visit us on the web: [www.langhamcontrols.com](http://www.langhamcontrols.com)