

# PULSE SPLITTER (L4SK0)

Designed to to split a pulse from a single meter, to up to three data loggers or other equipment including chatterboxes



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The L4SK0 is a purely passive device and as such contains no energy sources, batteries or energy storage devices such as a capacitor or inductors. It should be noted that the splitter **MUST** only be used with suitable EX ia equipment and the safe installation guide.

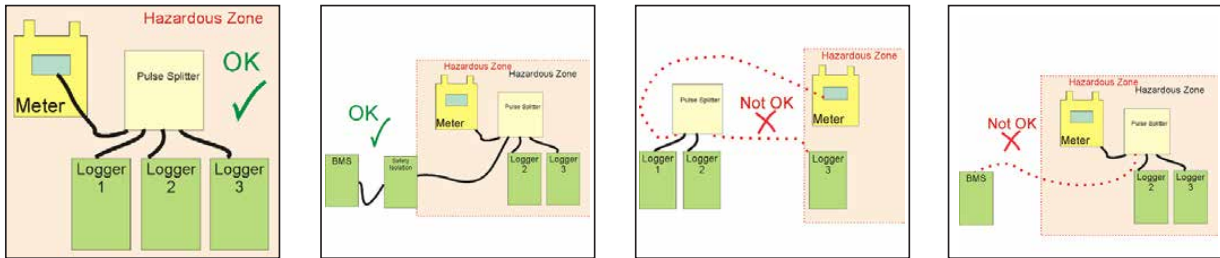
The L4SK0 is a self-contained device designed to split a pulse from a single meter, (gas, electricity water meters and other pulse generating devices incorporating reed relays, open collector or current source) between and up to three data loggers or other equipment including chatterboxes. Note to comply with ATEX approval this (Meter) connection must be volt-free i.e. as defined by  $V_o = 0$ .

Although tested on a wide range of equipment, there are many different circumstances which may prevail. The user must establish the L4SK0 is suitable for their application.

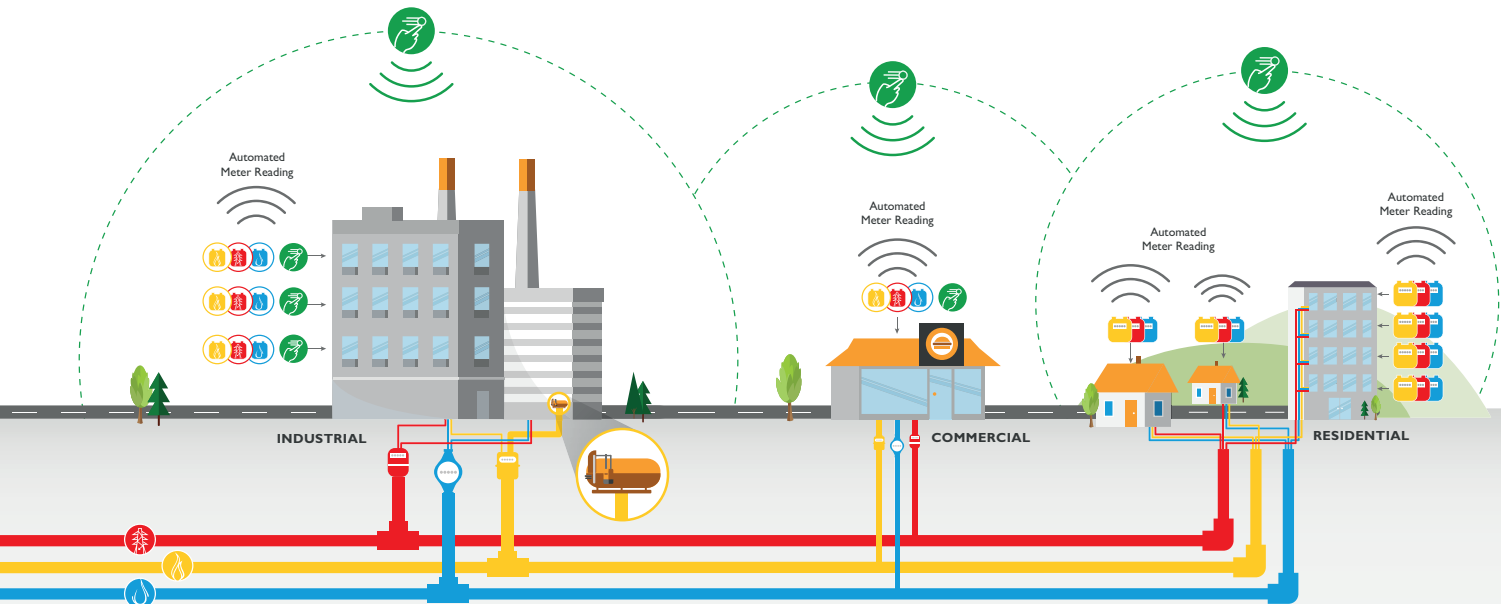
## Use of the L4SK0

The L4SK0 can be connected to equipment located in a hazardous zone or equipment designed to provide intrinsic safe isolation such as a 'Chatter box'. All such equipment must be Zone 0 rated.

The L4SK0 does not provide safety isolation and so must not connect directly to any equipment which will depend on the logger or other ATEX approved device to provide safety isolation to equipment placed outside the hazardous zone. In this case a safety isolation barrier must be fitted between the L4SK0 and external device



## Metering, energy data and network services for the UK energy and utilities market.



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