

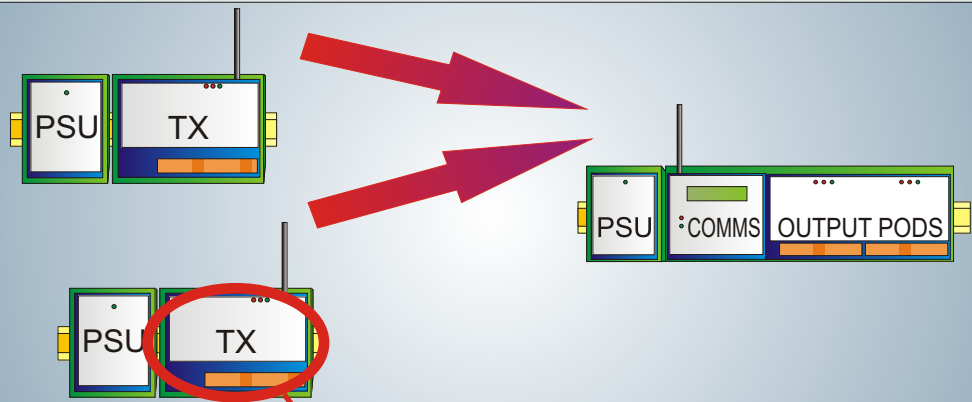
**Family** Landmarka

**Product** Transmitter OEM Module

**Description** Transmitter module

**Part Number** 3731.1 TX oem 433MHz

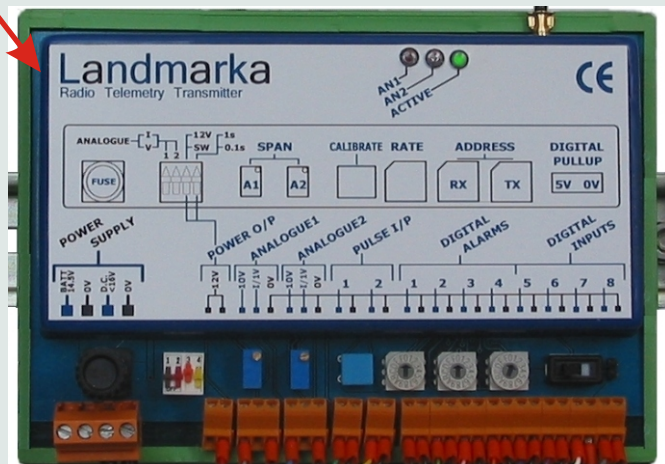
**Variants** 3731.2 TX oem 458MHz



'Transmitter OEM module' is a single component solution, providing a remote signal input device for onward transmission to a Landmarka receiving station. Housed in a single DIN rail carrier it can be rapidly integrated into most control or monitoring systems found in the utilities industry.

The unit is completely configurable without the need for Laptops or other computing devices. A screwdriver and a current or voltage source is all that is needed for calibration in the field.

The unit takes a variety of industrial signals and securely transmits them to a corresponding receiver - in essence the system provides an invisible multicore cable without the problems of trenching, cable trays or leased lines.



Transmitters can be used as simple one-to-one links or in larger systems of up to 16 transmitters for any one frequency. They are ultra-low powered and can use DC, battery, solar or wind supplies. Contact E2L for special systems.

## Specification

### Inputs:

- 8 VOLT-FREE ISOLATED DIGITAL (4 ALARMS, 4 STATUS)
- 2 VOLT-FREE ISOLATED PULSES
- 2 ANALOGUE (0-1V, 0-10V, 0-20MA, OR 4-20MA)

Accuracy: 10 A/D as standard [ $<0.1\%$ ]  
Pulses are 16 bit

System Health: Transmitter PSU low (transmitted to RX)

Indicator LEDs: Transmit cycle LED  
Calibration LEDs for Analogue channels 1&2

Instrument supply: 12V switched or permanent with variable pre-energise time.

Report Rate: 16 selectable rates from 15s to 30min.  
Alarm inputs override rate settings.

Connection: Industrial screw terminals

Power Supply: 12V D.C. 200mA peak, 10 $\mu$ A quiescent  
Trickle charge output for battery backup

Frequency: 433MHz/458MHz

Channel Space: 12.5kHz (user switch selectable)

Power output: 10mW  
(for 500mW refer to LANDMARKA TXTRA)

# Product Files

