



T210

Elster Honeywell Remote LCD Display Pulse Counter Totaliser



The Honeywell Elster T210 Scancounter is a cost effective, remote wall counter, specifically designed to display an accurate meter reading in LCD form and can be installed in a location easily accessed by the meter reader. It is particularly useful in situations where access to the meter is prohibited or restricted.

Features & Benefits

- CE marked
- Accurate high integrity pulse counting
- Long battery life
- Leak and tamper detection
- Supports bi-directional pulse outputs

Configuration Data	
No. of Digits on Display	4 to 8
Scale Factor	1 to 2000
Meter Serial Number	Programmable 10 Alpha Numeric
Initial Meter Reading	Pre-set (or on-site with PSR140 unit)
Leak Monitor	Yes
Tamper	Non Usage, Wire Cut Magnetic Suppression
Units	Cubic Meters, Litres, Imperial Gallons, US Gallons, Cubic Feet, Kilo Litres
Inputs	Reed Switch Pulse, Open Collector Pulse

Electrical Data	
Power Source	3.6V Lithium Battery
Max Input Frequency	40Hz
Mark-Space Ratio (Worst Case)	12-75% (Reed Switch) 30-70% (Open Collector)
Low Pass Cut Frequency	12.5Khz
Software Watchdog	1 Second

Additional Data	
Ambient Temp Range	-30°C to 70°C
Water Proofing	Electronics - IP67, Terminal - IP44
Humidity Range	Up to 95% RH
Housing	High impact polycarbonate
Dimensions	A - 70mm, B - 120mm, C - 38mm

Display Symbols & Functions



Pulse Input

The presence of a pulse is indicated by this symbol.



Tamper Detection (if icon is enabled)

A) Security - This covers interference or failure of the pulsed output, cable or terminals. The internal tamper flag is set only if the terminal state is different to the initial stored state, which is sampled at ½ hour intervals.

B) Suppression - This covers possible magnetic suppression of the meter pulse module (or by-passing the meter). This flag is set only if the T210 has not received any pulse in the preceding 30 days



Leak Detection (if icon is enabled)

The internal leak flag is set only if the T210 has received at least one pulse from the meter in the previous consecutive forty-eight ½ hour periods. The presence of a leak is indicated by this symbol.



Low Battery

Low battery is reported electronically, and is indicated by this symbol.



Unit of Measurement

Display can be set in to display unit to match meter register.