SCADAMETRICS
APPLICATION NOTE

How to Read Honeywell (Elster) evoQ4 MagMeters

6-Digit Honeywell/Elster Protocol Version:

Size	Gallon	Cubic Feet	Cubic Meters
All Sizes	EXPn = +3	EXPn = +2	EXPn = +0

8-Digit Sensus Protocol Version VFRAME:

Size	Gallon	Cubic Feet	Cubic Meters
All Sizes	EXPn = +1	EXPn = +0	EXPn = −1

8-Digit Sensus Protocol Version SHIFTED VFRAME:

Size	Gallon	Cubic Feet	Cubic Meters
All Sizes	EXPn = +0	EXPn = −1	EXPn = −2

Notes:

The evoQ4 LCD Display shows the Meter Reading Across Two (2) Lines. The Large-Font Numbers are the Most-Significant Digits, and the Small-Font Numbers are the Least-Significant Digits.

Elster Protocol:
The Transmitted Reading Will Consist of the Most Significant 6 Digits.

Sensus Protocol, VFRAME:
The Transmitted Reading Will Consist of the Most Significant 8 Digits.

Sensus Protocol, SHIFTED VFRAME:
The Transmitted Reading Will Consist of 8 Digits, Starting with the 2nd-Most-Significant Digit.