



Federal Communications Commission
P.O. Box 429
Columbia, MD 21045

26 April 2017

To whom it may concern:

Elster Solutions
208 S Rogers Lane
Raleigh, NC 27610-2144
United States

T +1 919 212 4800
F +1 919 212 4801

www.elster.com

This letter is to address compliance of antennas used for the Elster Solutions SynergyNet Mini Network Interface Card (MNICI) (FCC ID: QZC-MNICI) with FCC part 15.203.

1. Only the following antennas are authorized for use with the SynergyNet MNICI, no other antennas are permitted.
 - a. Honeywell (1B12150H01): 3.49 dBi, internal antenna
 - b. Laird/Antenex TRA9023P(NP) (white body) or TRAB9023P(NP) (black body): 3 dBi, external antenna
 - c. PCTEL/MAXRAD MFB9150 unity gain Fiberglass omnidirectional: 2.15 dBi, external antenna
 - d. PCTEL/MAXRAD MFB9153 3 dB Fiberglass omnidirectional: 5.15 dBi, external antenna
2. The internal antenna is installed on the exterior of the host electricity meter at the time of manufacture and is not accessible after the meter is installed.
3. Host electricity meters and metering equipment require professional installation by trained and authorized utility personnel.
4. In order to connect an external antenna to a SynergyNet MNICI module installed in a host electricity meter, an Elster Solutions antenna isolation board is required to be installed inside the host meter. In addition, for any external antenna installation an Elster Solutions 19 inch or 36 inch RF pigtail cable is required. The antenna isolation board and RF pigtail cable are sold only to authorized utility customers, and are not marketed or sold to the general public.
5. Furthermore, the SynergyNet MNICI, Elster host electricity meters and metering equipment are only sold to authorized utility customers and are not marketed or sold to the general public.

Respectfully,

John Holt
Principal Engineer
Telephone 919-250-5557
e-mail: john.holt@honeywell.com