1 Inside the box

Power supply
Antennas
Network Cable
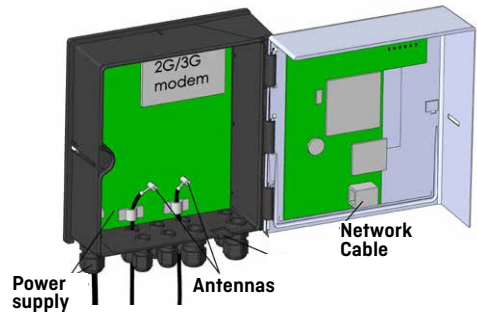
2 Succesfull installation

Concentrator is online and active when LED 2 & 3 are green.

LED 1 LED 2 LED 3 LED 4 LED 5 LED 6
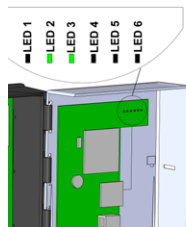
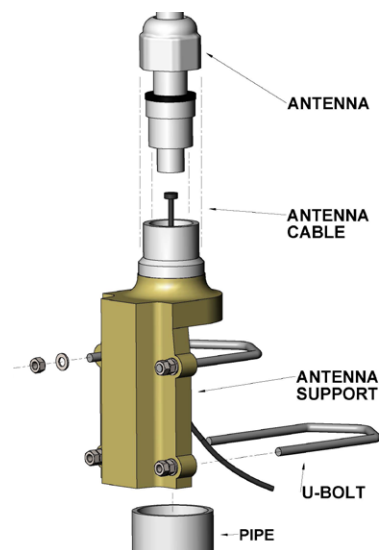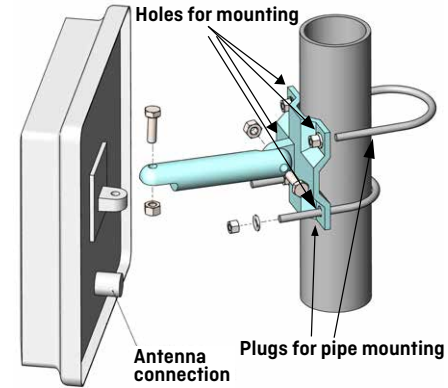| LED	Color	Description
1	Red	Blinking red: Problem with sim-card or GSM modem
2	Green	Blinking green: Concentrator is active
3	Green	Concentrator is connected to Kamstrup servers
4	Red	Blinking red: NO ethernet connection
5	Green	Toggles each time a M-BUS package is received
6		Not in use
1+4	Red	Solid red: Out of function. Contact Kamstrup

3 Antenna placement
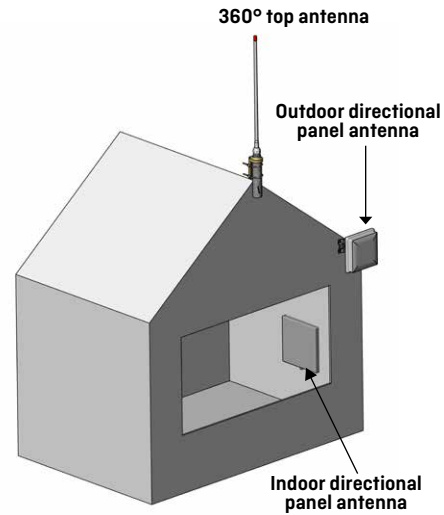
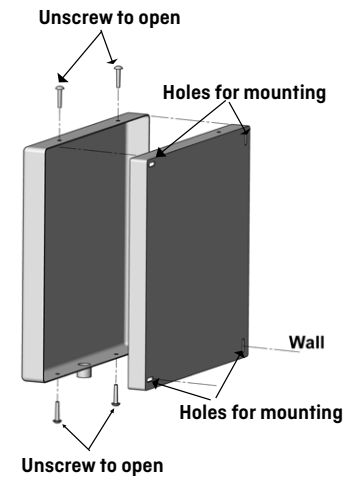360° top antenna
Outdoor directional panel antenna
Indoor directional panel antenna

4 Antennas

Omni antenna

ANTENNA
ANTENNA CABLE
ANTENNA SUPPORT
U-BOLT
PIPE

Outdoor directional panel antenna

Holes for mounting
Plugs for pipe mounting
Antenna connection

Indoor directional panel antenna
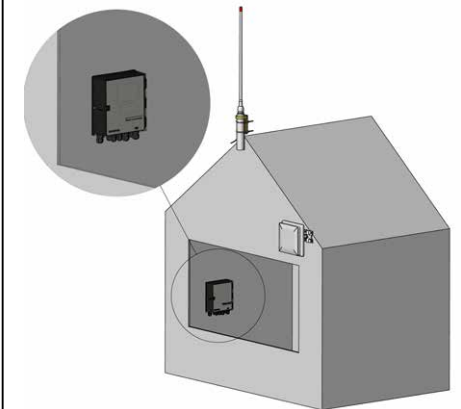

Unscrew to open
Holes for mounting
Wall
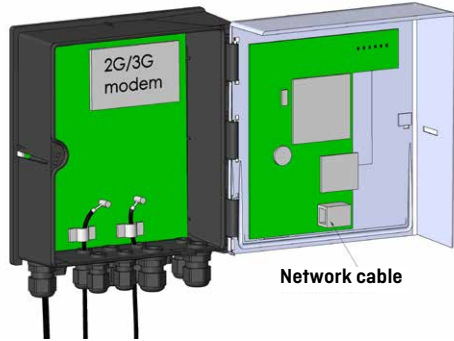Holes for mounting
Unscrew to open
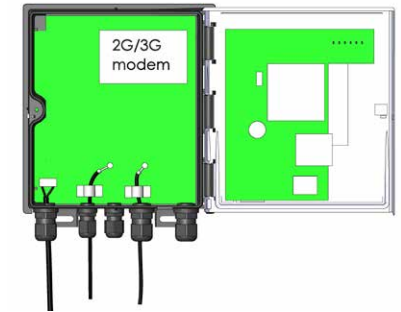
Connect antennas

5 Final installation (typical)
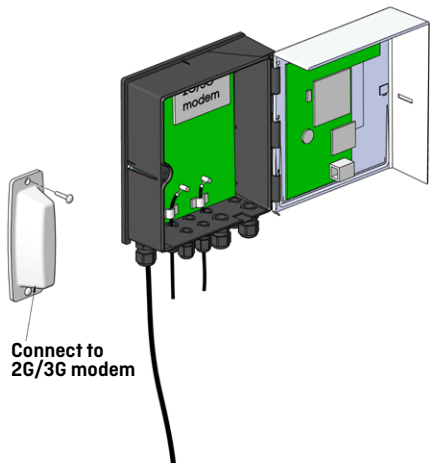
6   Network connection

To access the network, the concentrator either uses 2G/3G modem or network cable.

Network cable

2G/3G modem

Connect antenna with modem.

Place antenna in open space
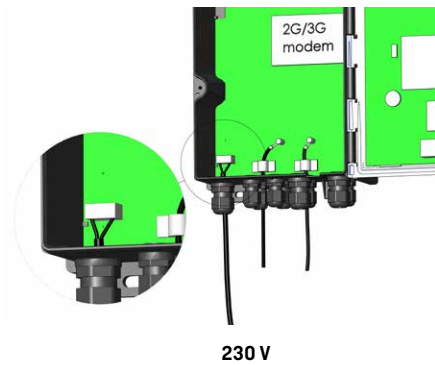

Connect to 2G/3G modem

Network cable

Insert cable by taking out the middle part and make a cut in the gasket. Put the cable through the hole, and insert the gasket back in the box.

Network cable

Insert through here
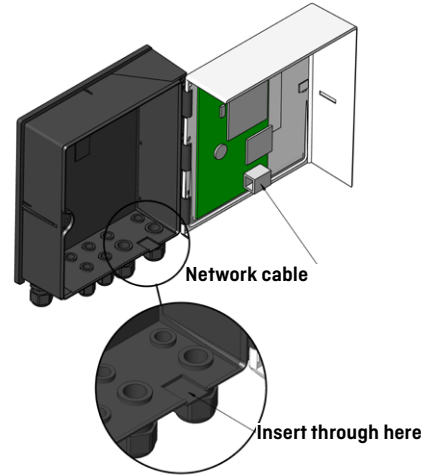
7   Connect power source

230 V

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8   Verify installation

• Check LED's to see if concentrator is installed correctly (look at step 2)

Get the best radio coverage - place antennas in open space as high as possible.

Kamstrup Hotline: +45 89 93 11 10

kamstrup

Indoor
READy Concentrator
Installation Guide