Cadent

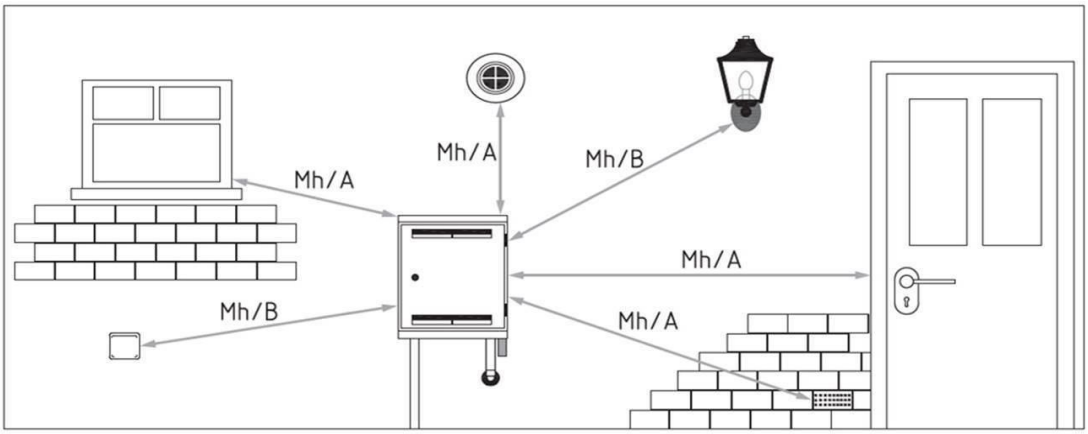
Your Gas Network

Medium pressure (MP) services and meter kiosks

Location guidance

When installing surface mounted semi-concealed or inset meter boxes:

- The meter box shall be located on the external wall to the property
- The edge of the meter box shall be no closer than 0.18m from any opening, such as operable windows, doors, airbricks, balanced flues or similar breaches in the structure and 0.33m from any electrical equipment – see diagram below:

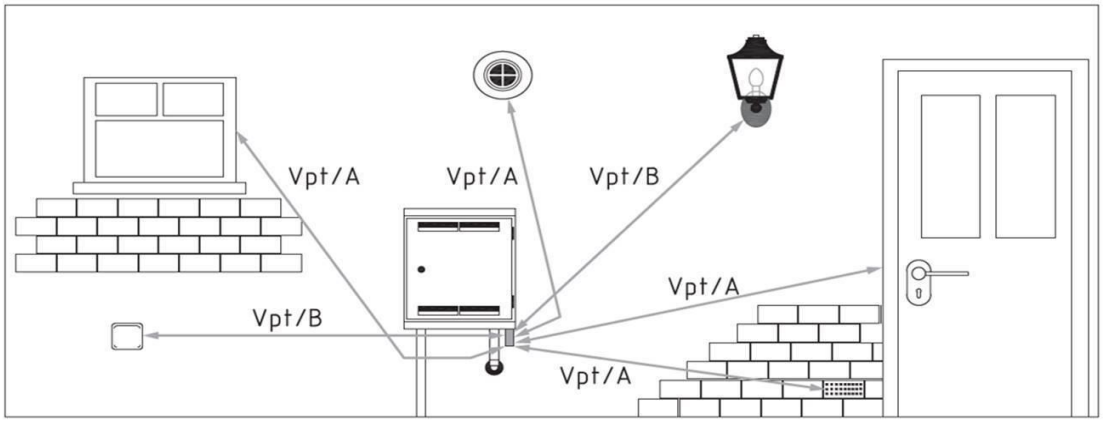


	Proximity	Dimension mm	
IGEM/GM/PRS/29 two stage type	A [Building Openings]	180	This is based upon 5% GIA
	B [Electrical Equipment]	330	This is based upon 2.5% GIA

Note: An opening into a premises may be an openable window, door, airbrick, balanced flue terminal or any other breach of the building fabric that may permit gas to enter

- The tip of the relief vent pipe shall be at least 1.0m from any opening into a property, and 1.55m from any electrical equipment – see diagram overleaf.

(Note: The tip of the relief vent pipe normally exits the meter box in the bottom right corner and is part of the meter installation)



	Proximity	Dimension mm	
IGEM/GM/PRS/29 two stage type	A [Building Openings]	1 000	This is based upon 5% GIA
	B [Electrical Equipment]	1 550	This is based upon 2.5% GIA

Note: An opening into a premises may be an openable window, door, airbrick, balanced flue terminal or any other breach of the building fabric that may permit gas to enter

Meter box location

In order to comply with the requirements of the Gas Act, the “meter shall be installed as near as practicable to the Gas Transporter’s main”. This means that the service should be laid in a straight line and terminate as close to the main as possible. Consequently, for external meter positions, the meter-box should be located on the front face of the building (taken to be the face of the building nearest the main), or not more than 2m up the gable.

When considering the location of any meter box, the following factors shall be considered:

- Damaged meter boxes shall not be installed.
- Meter boxes shall not be installed directly above drains, manholes, or where access / egress may be restricted in the event of an emergency e.g. narrow foot walks.
- Surface mounted or semi concealed meter boxes shall not be installed on public footpaths or highways where damage from pedestrians or vehicles can occur.
- Where the meter box is to be fitted onto an external wall it shall not bridge the DPC.
- Where a gas service is to terminate in a surface mounted meter box on a corbelled wall, the base of the box should be located a minimum of 2 courses above the corbelled wall to accommodate the pre-formed fitting.
- Surface mounted, Built-in, Semi-Concealed and Universal meter boxes shall not be installed in an unventilated or enclosed area, these may include building extensions such as front porches, garages etc.

If you have decided to have a medium pressure inset meter box (which will need to be installed by your builder/developer) these additional requirements shall be met:

- There shall not be any aperture or spigot constructed, or subsequently made, in the box that could allow gas to enter any cavity or into the property. In particular, there shall not be any aperture constructed in the back of the housing for any purpose.
- Neither installation pipework nor cables shall enter the property directly from the meter box (i.e. installation pipework / equipotential bonding shall exit the meter box through the bottom of the box before entering the property).
- Inset meter boxes for MP installation shall not be secured by a method that involves breaching the box, e.g. securing with hammer fix screws is not permitted.
- A meter shall not be installed in an inset meter box with its main body damaged such that there is a risk that gas may enter the cavity or property.

N.B. If these distances cannot be met, you will need to consider the option of a Medium Pressure Boundary Service Regulator instead and the installation of a standard low pressure meter box and meter.