

GOLDi Gas Turbine Meters



Frequently Asked Questions

Q1 – What standard are the GOLDi's manufactured to and are they suitable for billing purposes

A1 – GOLDi's are manufactured to ISOEN 9951 and are suitable for billing or energy management applications.

Q2 – What fittings are required ?

A 2 – All GOLDi Turbine Gas Meters are flanged to the standard PN16 flange size.

Q3 – Pressure loss is a big problem ?

A3 - GOLDi Turbines have the smallest pressure losses in the industry.

Q4 – How accurate are they.?

A4 - Dependant on flow rates and pipe size they can have accuracy up to 1%

Q5 - I am installing in pipe work next to a wall which way round is the head ?

A 5 - Doesn't matter the GOLDi has a 'Unique' 340 degree rotating head



Q6 - The GOLDi needs to be connected to a Building Management or Automatic Meter Reading System for remote reading – Does it have a pulsed out facility ?

A6 - Yes a pulsed output is fitted as standard and it dispatches 1 pulse per 1m3
Additionally we can offer the following outputs



Mbus Details <http://www.meters.co.uk/shara100.htm>



Modbus Details <http://www.meters.co.uk/EF1.htm>

Q7 – Is the GOLDi Turbine Gas Meter easy to install ?

A7 – Yes its small and relatively lightweight – where being installed into existing pipe work we recommend using FLEXi REXi – flexible connectors

FLEXi REXi – Details <http://www.meters.co.uk/flexirexi.htm>



Q8 – Can the GOLDi be installed in a horizontal or vertical position

A8 – Yes as long as the flow is in the direction of the arrow marked on the meter body its no problem.

Q9 – What other Gas Regulations musty be conformed to ?

A9 – When the GOLDi is being read from an automated system Building Management or similar Gas Safe regulations are mandatory that a Electrical Safety Barrier is installed. GOLDi Gate Safety Barrier provides 'Electrical Safety In Explosive Atmospheres' Manufactured to BSEN 60079-11-2007 Conforms to [Exio] Group 11C (highest safety level)



Details at

www.meters.co.uk/goldigate.htm



Q10 – We are replacing a old boiler with a modern boiler which is hugely more efficient but the pipe size will remain the same. Will the GOLDi be suitable ?

A10 – In this case sometimes its more prudent to reduce the size of the gas meter to improve its technical performance. But to ensure minimal pressure losses we manufacture Concentric Reducers – perfect cones that are flanged to PN16 and have a 'Swivel' flange for easy installation.

Details at

www.meters.co.uk/concentricreducers.htm

