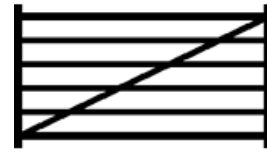


meters uk Ltd TM

Utility Meter Manufacturers

ELECTRICITY – GAS – HEAT – WATER METERS

'GOLDi's Gate



Order Code 806002 – AMR VERSION

Gas Safety Barrier

'Safety' for Pulsed Outputs in a potential explosive zone

Manufactured to BSEN 60079-11-2007

'Electrical Safety In Explosive Atmospheres'

Conforms to [Exio] Group 11C (highest safety level)

Suitable for use with



GOLDi Turbine Gas Meters



and



BOBi Diaphragm Gas Meters

GOLDi's Gate provides a Intrinsically Safety Barrier – for connecting pulsed outputs from Gas Meters – specifically when connecting into a Building Management or Automatic Meter Reading System (or similar) In potentially explosive atmospheres

Simple to install

Ensures the pulsed outputs do not make a direct electrical contact.

BMS or Battery powered

Manufactured to BSEN 60079 – 11 –2007

Conforms To European Standards including [Exio] Group 11C

Coated with Acrylic Conformal Coating – Meeting the testing requirements of IPC-CC-830

Additional to electrical isolation GOLDi's Gate provides

Signal Cleanup

Converts the output pulse to a clean signal of 200msecs what ever the input. (min 10msecs input)

Pulse Shaping

Creates a perfect square wave output

meters uk Ltd, Whitegate, White Lund Trading Estate, Lancaster, Lancashire LA3 3BT
Tel: 01524 555929 Fax: 01524 847009

www.meters.co.uk

Voltage Level Converter

Accepts Input voltage range of between 9-24 volts AC or DC

Battery Life – Expectancy

15 years from historical knowledge base

Battery Life

Worse possible case scenario calculation - 5 years

Output Pulse

Voltage Free

