

meters uk Ltd

ELECTRICITY – GAS – HEAT – WATER METERS

BOBi Gas Meters – Diaphragm – Sizes G4 to G25 Technical Information



Item	Unit	G4	G6	G10	G16	G25
Nominal Flow Rate	m3h	4	6	10	16	25
Qmax	m3h	6	10	16	25	40
Qmin	m3h	0.04	0.06	0.1	0.16	0.25
Qmax Operating Pressure	kPa	10	10	10	10	10
Permissible Error	B Grade Qmin < Q 0.1 Qmax +/- 3% 0.1Qmax < Qmax +/- 1.5%					
Total Pressure Loss	Pa	Qmax < 200		Qmax < 300		
Operating Ambient Temperature	C	0 ~ 40				
Signal Output	On – Off Signal					
Signal equivalence	m3	0.1				
Signal Width	ms	>360				
Operating Voltage	V	5 - 12v				
Permission Circuit	mA	<10				
Specification Of The Line Output	AVVR2 x 0.12					
Length Of Wire	mm	1000		15000		
Size - Length	mm	210	210	280	340	480
Size – Width	mm	165	170	205	245	340
Size – Height	mm	233	238	325	380	565
Pipe Centres	mm	130	135	165	205	340
Net Weight	kg	1.9	2.2	4.5	6.0	25.0
Coupling *	mm	25.0	30.0	40.0	50mm	65mm
Pipe Size *	mm/bsp	20mm/ 3/4"	25 / 1"	30 / 1.1/4"	40 / 1.1/2"	50 / 2"
Coupling Thread	Type	11 dens/inch	11 dens/inch	11 dens/inch	11 dens/inch	11 dens/inch
Cover	Aluminum					
Order Code		GD4PS	GD6PS	GD10PS	GD16PS	GD25PS
* Internal Diameters – Coupling is the nut fitting on top of the meter Pipe Size Is the size of the pipe from to coupling to be joined into the gas pipe						

www.meters.co.uk

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Utility Meter Manufacturers

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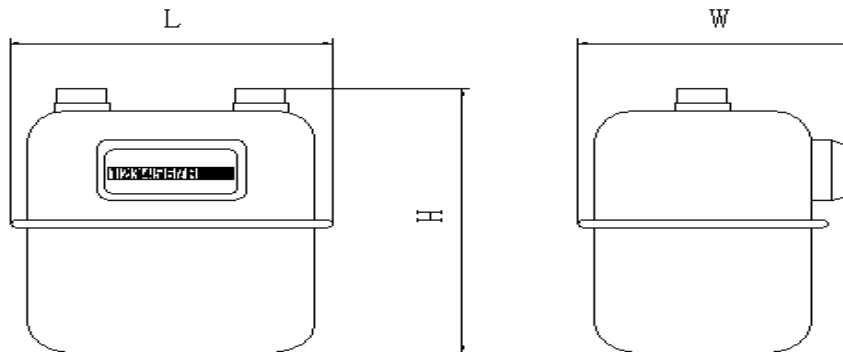
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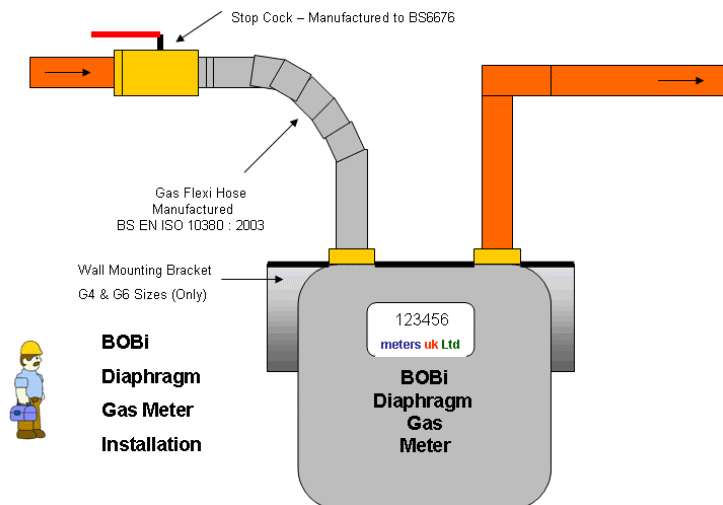
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Sizes



Installation Kits



GOLDi Gate Safety Barrier – If using the pulsed output facility

Gas Safety Barrier

GOLDi's Gate provides an 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

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



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