



ISOFLUX IFX-M4-01

This heat meter, when used with the sub-assemblies and configured as detailed below, has been independently verified by Kiwa as suitably compliant with the Measuring Instruments Directive for the purposes of claiming the Renewable Heat Incentive.

Manufacturer:
ISOIL INDUSTRIA SPA

MID Class:
Class 2

Location of flow sensor
Flow or Return

Heat conveying liquid
Water

Minimum pipe size
25mm

Maximum pipe size
100mm

Contact Information

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Meter Subassemblies

Part number	Pipe size	Max flow rate q_s (m ³ /h)	Nominal flow rate q_p (m ³ /h)	Min flow rate q_i (m ³ /h)	Max temp θ_{max} (°C)	Min temp θ_{min} (°C)	Min temp diff $\Delta\theta_{max}$ (°C)
IFX-M4-01-XX-25	25mm	7	3.5	0.03	130	0	2
IFX-M4-01-XX-32	32mm	12	6	0.06	130	0	2
IFX-M4-01-XX-40	40mm	20	10	0.1	130	0	2
IFX-M4-01-XX-50	50mm	30	15	0.15	130	0	2
IFX-M4-01-XX-65	65mm	50	25	0.25	130	0	2
IFX-M4-01-XX-80	80mm	80	40	0.4	130	0	2
IFX-M4-01-XX-100	100mm	120	60	0.6	130	0	2

Additional Notes

Used in conjunction with ISOIL ISONRG ML311 and ISOIL PLT this can form an RHI compliant heat meter.

When combined with ML311 and PLT it can be used for heat, cold or both types. It can be used to measure the thermal energy for water or glycol (polypropylene or ethylene).