

M850 Flow Computer





First for Steam Solutions



COMBINES FLEXIBILITY
ALONGSIDE EASE OF USE ”

Lindsay Norris
Flowmetering Product Manager



The M850 is a flexible and easy to use flow computer that accurately calculates mass and energy flow for steam, gas and liquids across a wide variety of applications.

Ease of use – Easily commissioned via a PC based wizard and USB

Communication protocols – Has the ability to link into many networks as standard

Data logging – Review your plant against past performance

Energy efficiency – Calculates and displays your boiler or process efficiency on one screen and has heat metering facilities in-built.

Why choose the M850?

It gives you the flexibility you need when monitoring your process

The M850 gives you the ability to monitor a wide variety of processes. It works with a wide variety of flowmeters, handling up to 3 metering applications at once. It also can incorporate auxiliary applications to help you gain the understanding you need.

It's quick to install

This new flow computer is easily commissioned via a PC based software using a setup wizard. You can setup the software without being connected to any particular M850, save the file on your PC and insert a USB into the M850 you want to commission. With set up, there is no downtime.

You can install the computer wherever is convenient in the plant

Wall mounted and panel mounted versions of the M850 are available, meaning it can be placed anywhere in the steam plant away from the pipeline and hazardous areas. This, along with a new graphical colour display makes reading information an easy task.

It helps you reach your energy targets

Using the energy flow in and the energy flow out, it is possible to calculate the energy used by your boiler or any other process. And with data logging you can review plant performance and make the necessary energy saving decisions.

THIS FLOW COMPUTER CAN BE PLACED ANYWHERE IN THE STEAM PLANT AWAY FROM THE PIPELINE AND HAZARDOUS AREAS



First for Steam Solutions

The technical section

The M850 can be used with the following flowmeters:

- GILFLO and ILVA
- Orifice Plate
- Uncompensated vortex flowmeter
- Uncompensated turbine flowmeter
- Customisable type meter.

Available inputs:

- 6 x 4-20mA
- 3 x pulse
- 3 x RTD 4 wire (3 wire compatible).

Available outputs:

- 4 x relay/digital pulse output
- 1 or 2 x 4-20mA are available as optional extras.

It comes in panel mounted and wall mounted options, IP65 rated.

The M850 has many communications methods available as standard:

- RS485 port for Modbus RTU
- RJ45 Ethernet port for Modbus TCP/IP
- USB port
- Hosted secure HTTP web interface.



Operating Companies

EMEA

Belgium	Poland
Czech Republic	Portugal
Denmark	Russia
Egypt	South Africa
Finland	Spain
*France	Sweden
Germany	Switzerland
Ireland	Turkey
*Italy	*UK
Norway	

Americas

*Argentina	Chile
*Brazil	Mexico
Canada	*USA

Asia Pacific

Australia	Philippines
*China	Singapore
India	South Korea
Japan	Taiwan
Malaysia	Thailand
New Zealand	

* Manufacturing sites

Sales Offices

EMEA

Austria
Hungary
Jordan
Kenya
Romania
Slovak Republic
UAE
Ukraine

Americas

Columbia
Venezuela

Asia Pacific

Hong Kong
Indonesia
Vietnam

Distributors

EMEA

Algeria	Ivory Coast	Nigeria
Bahrain	Kuwait	Oman
Bulgaria	Latvia	Qatar
Cameroon	Lebanon	Saudi Arabia
Croatia	Lithuania	Slovenia
Cyprus	Madagascar	Sudan
Ethiopia	Malawi	Syria
Estonia	Malta	Tanzania
Ghana	Mauritius	Uganda
Greece	Morocco	Zambia
Iceland	Namibia	Zimbabwe
Israel	Netherlands	

Americas

Bolivia	Guatemala	Panama
Costa Rica	Honduras	Paraguay
Dominican Republic	Jamaica	Peru
Ecuador	Netherland Antilles	Trinidad and Tobago
El Salvador	Nicaragua	Uruguay

Asia Pacific

Bangladesh
Fiji

spirax sarco

Spirax-Sarco Limited, Charlton House, Cheltenham,
Gloucestershire, GL53 8ER, UK
T +44 (0)1242 521361
F +44 (0)1242 573342
E enquiries@uk.spiraxsarco.com

