SITRANS F M MAGFLO®
Electromagnetic flowmeter
type MAG 5000/6000 Blind

083R9146

Introduction	The Siemens Flow Instruments MAG 5000/6000 Blind can be used with all sensors of the type MAG 1100 and MAG 3100. The MAG 5000/6000 Blind version carries all the normal MAG 5000/6000 features, except those associated with the display and keypad.

Both current and digital output are available.
Please note the current output is switched off in the unit at the time of delivery.

Installation and electrical connection

Please refer to the Operating Manual.

Commissioning

The MAG 5000/6000 Blind will, after power up, upload the following settings from the SENSORPROM® unit:

Flow direction definition	Positive
Current output	Off
Digital output	Pulse output, 66 msec pulse width
Relay output	Error level
Error level	Warning
Low flow cut-off	1.5%
Empty pipe cut-off	Off

Sensor dependent factory settings MAG 5000/6000 Blind

The following are the standard sensor dependent factory settings:

	BASIC SETTING Q-max	OUTPUT SETUP Volume per pulse
DN 6	300 l/h	1 l
DN 10	900 l/h	1 l
DN 15	2000 l/h	1 l
DN 25	5000 l/h	10 l
DN 40	12 m^3/h	10 l
DN 50	20 m^3/h	10 l
DN 65	30 m^3/h	100 l
DN 80	50 m^3/h	100 l
DN 100	120 m^3/h	100 l
DN 125	180 m^3/h	100 l
DN 150	250 m^3/h	100 l
DN 200	400 m^3/h	1 m^3
DN 250	700 m^3/h	1 m^3
DN 300	1000 m^3/h	1 m^3
DN 350	1200 m^3/h	1 m^3
DN 400	1800 m^3/h	1 m^3
DN 450	2000 m^3/h	1 m^3
DN 500	3000 m^3/h	1 m^3
DN 600	4000 m^3/h	10 m^3
DN 700	5000 m^3/h	10 m^3
DN 750	6000 m^3/h	10 m^3
DN 800	7000 m^3/h	10 m^3
DN 900	9000 m^3/h	10 m^3
DN 1000	12000 m^3/h	10 m^3
DN 1100	14000 m^3/h	10 m^3
DN 1200	15000 m^3/h	10 m^3

MAG 6000 Blind

DN 1400	25000 m^3/h	10 m^3
DN 1500	30000 m^3/h	10 m^3
DN 1600	35000 m^3/h	10 m^3
DN 1800	40000 m^3/h	10 m^3
DN 2000	45000 m^3/h	10 m^3

Changing the settings

The SENSORPROM® technology enables the standard settings to be changed.

1. Unscrew and remove the MAG 5000/6000 Blind transmitter.

2. Mount a standard MAG 5000/6000 transmitter (make sure the mains voltage is correct).

3. It is now possible to change the settings via the display and the keypad. Please refer to the product manual for the menu structure and the available settings etc.

   All the changed data will be stored in the SENSORPROM® unit.

4. Remove the standard transmitter and replace with the Blind transmitter. Fasten the screws holding the transmitter. The new settings stored in the SENSORPROM® unit will now be uploaded in the Blind transmitter.