



Process Technology B.V.

# Mastermind Replacement

## for Keystone F784 AS-I modules.

Our new unit is specially designed for replacing the Keystone F784 Mastermind, with all the functionality of the original.

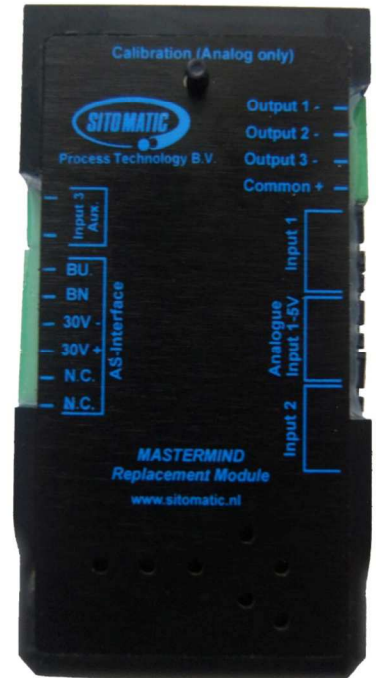
Thanks to its simple design it allows fast replacement, without the need for any changes on either the valve, or its mounting slot.

Just take out the old unit and reconnect the new one, and your good to go with the same valve for many years.

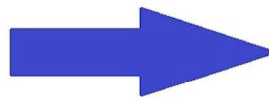
Made to run on AS-Interface 3.0  
This allows for easy reintegration in the AS-Interface network.

### Additional features are:

- Analog sensor connection.
- Customer specific software.
- AS-I 2.1 compatible.



Old Keystone F784 AS-I module



New Sitomatic Replacement Unit

- *Disconnect the original.*
- *Take it out of the housing.*
- *Connect the connectors to the Mastermind Replacement module.*
- *Place it in the housing.*
- *And it is ready to go for many years!*

***Innovation never stops.***  
***www.sitomatic.nl***

## General data

Mechanical data		
Body material	:	PVC
Color	:	Black
No. of solenoids output's	:	3
Ambient temperature	:	-10°C .....+50°C (non-freezing air)
Relative humidity	:	≤ 80%
AS-Interface version	:	3.0 en 2.1 compatible
Number of slaves	:	62
Power supply (AS-I bus)	:	30 V DC
Minimum current load	:	< 50 mA
Dimensions [HxD mm]	:	101 x 57 mm

AS-Interface inputs		
I0	:	Upper limit switch
I1	:	Under limit switch
I2	:	Fault indication

AS-interface outputs		
O0	:	Main solenoid
O1	:	Under seat
O2	:	Upper seat

Led indicators		
AS-I led2	:	AS-I led2 (green)
AS-I led1	:	AS-I led1 (red)
Main solenoid	:	Main solenoid (yellow)
Upper limit switch	:	Upper limit switch (red)
lower limit switch	:	lower limit switch (green)
Upper seat	:	Upper seat (yellow)
Under seat	:	Under seat (yellow)