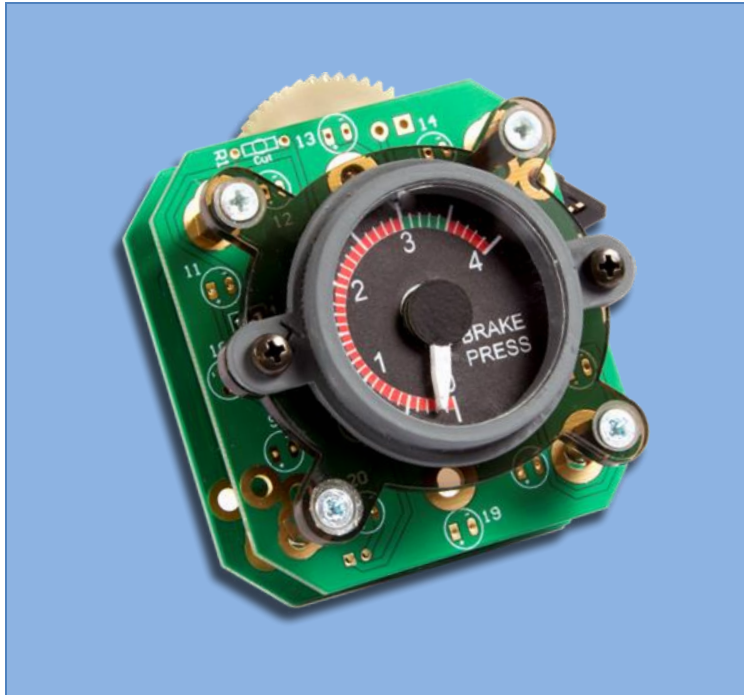


HBP Gauge with Backlight V2.1

S737-MIP-G-NL-A20-0131

Datasheet - HBP Gauge with backlight V2.1 - Rev1.2.docx



Module Dimensions: (WxHxD) mm3	TBD
Module Line:	N/A
Backlight (12V):	Yes, Warm White
Backpanel:	Yes, Specific PCB
Hardware Interface: (See Chapter 1.2)	To be connected to a Control Board like SimCard Ethernet, IOCard USB, etc.
Knobs:	No
Plug Ready Module	Yes
Simulator Model:	Sim737NG
Scale:	1:1
Price (without VAT):	Web: Shop

www.sismo-soluciones.com

1 Compatibility

1.1 Software Compatibility

This module uses connectors to interface with electronic I/O Boards, they cannot be connected directly to a Computer, it has to be through an electronic Board (see hardware compatibility). If the electronic board is a SimCard, then this module is compatible with the following Add-Ons:

iFly737			Prosim737			Project Magenta			PMDG 737NG			SimAvionics		
FSX	P3D	XPLANE	FSX	P3D	XPLANE	FSX	P3D	XPLANE	FSX	P3D	XPLANE	FSX	P3D	XPLANE
X	X	?	X	X	?	X	X	X	X	X	?	X	X	?

X	Fully compatible, scripts available in downloads sect.
X	Fully compatible, no scripts available (under development)
X	Compatible with some add-on limitations
?	Pending confirmation for the add-on company

FSX	Microsoft Flight Simulator X
P3D	Lockheed Martin Prepar3D
X-Plane	X-Plane

This module has been designed to be connected directly to the “CAIP Backpanel or FOIP Backpanel”. This backpanel is optional. If you want to use it in other configuration, just connect the flat ribbon cables following the indications of the “Connections Map”.

1.2 Hardware Compatibility (I/O Boards)

SimCards Ethernet	IOCards	Phidgets	MIP737	Pokeys USB	Arduino
Yes (Recommended)	Yes	Yes	Yes	No Information	Yes

1.3 Module Backpanel (PCB) Compatibility

This datasheet is valid for the following module backpanels (PCB):

V1	V1.1	V1.2					
Yes	Yes	Yes					

Note: The difference between the versions is internal and does not represent any difference in functionality or quality.

2 Abbreviations

MIP	Main Instrument Panel
CAIP	Captain Instrument Panel of the MIP
CEIP	Center Instrument Panel of the MIP
FOIP	First Official Instrument Panel of the MIP

3 Customization

This product can be made as a dummy if you are interested.

You can opt to have this module made as a dummy.

4 Parts included

- 1 HBP Gauge, fully assembled and ready to be installed on the MIP.
- 1 un. 3 pins flat ribbon cable (length 25cm).

5 Wiring Schedule

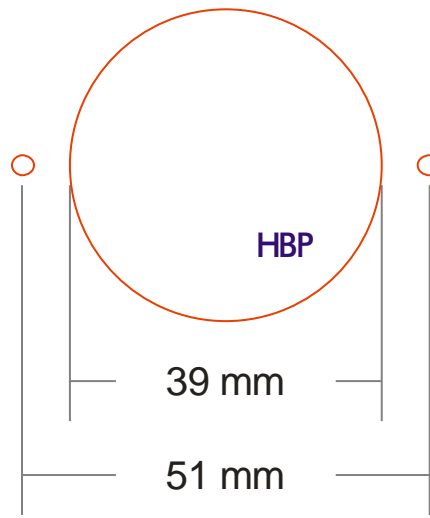
5.1 Inputs

Function		Remarks
GND	1	Black or brown wire
+5V DC	2	Red wire
SVX	3	White or orange wire

5.2 Backlight

12V-BL	
Backlight	12V for backlight. This voltage can be provided directly from a 12 V DC power supply or can be provided by a “dimmer backlighting board” to have the dimming functionality available.

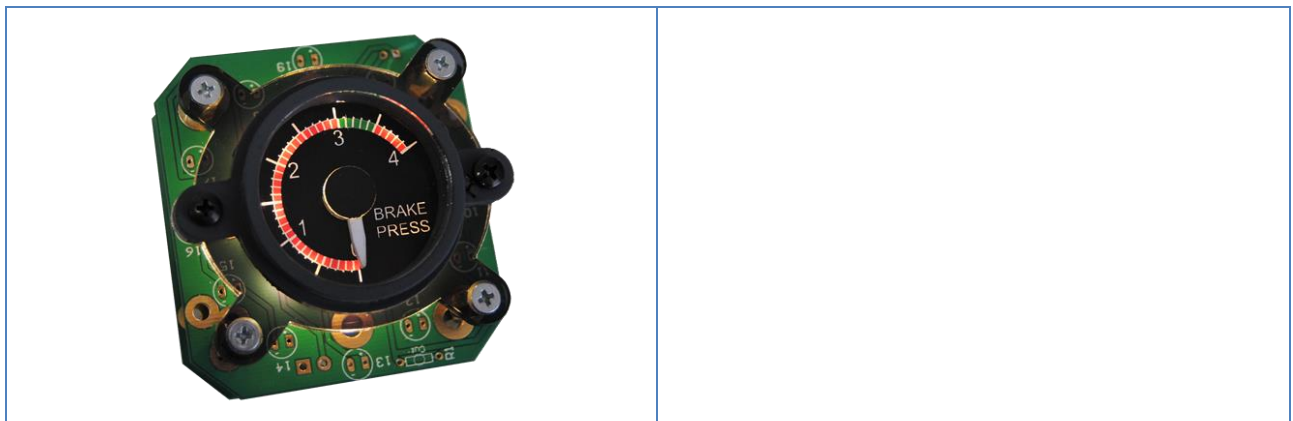
6 Screw Position



7 Related Documentation

ID	DOCUMENT	Revision
01	MIP Wiring Schedule	See website for the latest version
02	Technical guide - Configuration & Installation Guide for Instruments - Servos & Gauges	See website for the latest version

8 Pictures



End of Document