

Greenspec BV

Greenspec AFP02 standard Art. nr. 200002

Greenspec AFP02

Art. nr. 200002

The Greenspec AFP02 standard is the central unit for connecting all of inputs and outputs. And it connects to the central communication line, by the optical connections. Greenspec also provides the AFP63 with 63 outputs and two smaller units, the AFP Light and the AFP Nano.

Ask for our instruction sheets for all kind of details for the set-up. This is the initial short instruction for the mounting of the inputs and the outputs. To be done by trained installers.

You can install all by opening only the bottom plate of the AFP, the top part can stay in place.

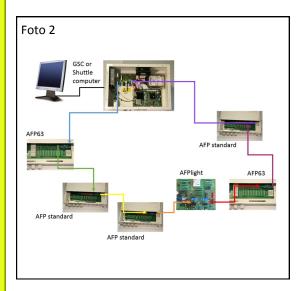
Please check carefully the instruction on the back for the connection of the analog inputs. If you do not have enough information on the type of analog input you are connecting, check with the supplier.

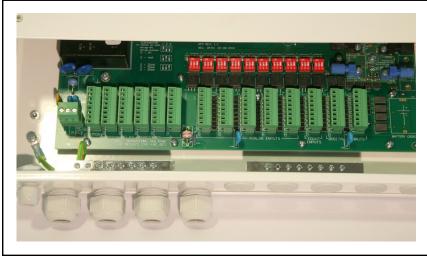
On the inside a double page to write down all installation details of the inputs and outputs. After installing all connections also the optical fiber cable has to be connected.

For the connection of the optical fiber you have to lead the optical fibre to the unit. Then the right length has to be cut with the special cutting tool, it is important that the cut is straight. The connection is double wire, always the line coming out from the blue side of the last AFP has to go into the black one on the next connector and vice versa.

Connect the power supply.









Inputs and outputs AFP number:

Date:....

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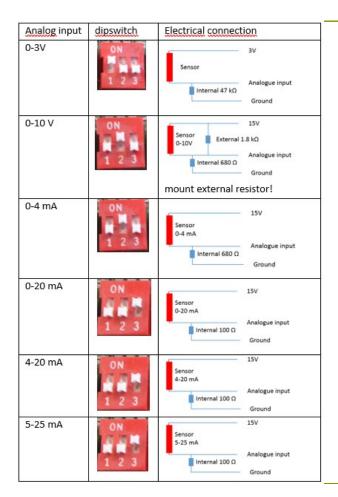
Connector	Name	AFP input	Plug	Wire color	Input name
1	A/A	7	GND		· ·
2	,,,,	ANA1	In		
3			+15V		
4			+3V		
5			GND		
6		ANA2	In		
7			+15V		
8			+3V		
1	A/B		GND		
2		ANA3	In		
3			+15V		
4			+3V		
5			GND		
6		ANA4	In		
7			+15V		
8			+3V		
1	A/C		GND		
2		ANA5	In		
3			+15V		
4			+3V		
5			GND		
6		ANA6	In		
7			+15V		
8			+3V		
1	A/D		GND		
2		ANA7	In		
3			+15V		
4			+3V		
5			GND		
6		ANA8	In		
7			+15V		
8			+3V		
1	A/E		GND		
2		ANA9	In		
3			+15V		
4			+3V		
5			GND		
6		ANA10	In		
7			+15V		
8			+3V		
1	C/A	COUNT1	In		
2			GND		
3		COUNT2	In		
4			GND		
5		COUNT3	In		
6			GND		
7		COUNT4	In		
8			GND		
1	D/A	DIGITAL1	In		
2			GND		
3		DIGITAL2	In		
4			GND		
5		DIGITAL3	In		
6			GND		
7		DIGITAL4	In		
8			GND		

Inputs and outputs AFP number: Dat

Date:..... Page 2

Connector	Name	AFP input	Plug	Wire color	Input name
1	D/B	DIGITAL5	In		
2			GND		
3		DIGITAL6	In		
4			GND		
5			GND		
6			GND		
7			GND		
8			GND		

8			GND				
Connector	Name	AFP output	Plug	Wire color	Output r	name	
1	COMM		COMMON				
2	ON		COMMON				
3			COMMON				
4			COMMON				
5			COMMON				
6			COMMON				
7 8			COMMON COMMON				
1	R/A	OUT1	PRINT 1				
2	1971	0011	COMMON				
3		OUT2	PRINT 1				
4		0012	COMMON				
5		OUT3	PRINT 1				
6		0013	COMMON				
7		OUT4	PRINT 1				
8		0014	COMMON				
	R/B	OUT5	PRINT 1				
1	K/B	0015					
2		OUT6	COMMON PRINT 1				
3		0016	COMMON				
4		OUTZ					
5		OUT7	PRINT 1				
6		01170	COMMON				
7		OUT8	PRINT 1				
8	- 1-	2	COMMON				
1	R/C	OUT9	PRINT 1				
2			COMMON				
3		OUT10	PRINT 1				
4		2	COMMON				
5		OUT11	PRINT 1				
6			COMMON				
7		OUT12	PRINT 1				
8			COMMON				
1	R/D	OUT13	PRINT 1				
2			COMMON				
3		OUT14	PRINT 1				
4			COMMON				
5		OUT15	PRINT 1				
6			COMMON			1	
7		OUT16	PRINT 1		NO/NC		
8			COMMON				
1	R/E	OUT17	PRINT 1		NO/NC		
2			COMMON				
3		OUT18	PRINT 1		NO/NC		
4			COMMON				
5		OUT19	PRINT 1		NO/NC		
6			COMMON				
7		OUT20	PRINT 1		NO/NC		
8 o+ \/02 17 02 3			COMMON				



Mounting of inputs:

Mounting of analog inputs:

Overview of the 6 standard options for connections.

Analog connector sequence:

A/A1 A/B3 A/C5 A/D7 A/E9 A/A2 A/B4 A/C6 A/D8 A/E10

For other configurations contact Greenspec. Set the dipswitches as indicated. Dipswitch sequence in the row:

2 1 4 3 6 5 8 7 10 9

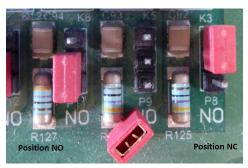
For counter and digital inputs only connect ground and signal.

Mounting of outputs:

Output 1 to 15 are N/O.

Output 16 to 20 are either N/O or N/C.

Set the jumper in the correct position:



Technical specifications

Power supply

Relais

Input voltage 100..240VAC 50/60Hz nominal; 90V..264 absolute mini-

Input current 0.6A at 100VAC; 0.4A at 240VAC

Fuse 630mAT, 5x20mm

Ambient Temperature 50°C maximum at full load

Humidity 20..90% non condensing

Coil voltage

Contact current 4A AC or 4DC maximum, but the total current through the

5VDC

Current common connection 6A maximum

Contact voltage 24VAC or 24VDC maximum

Minimum current 10mA

Physical data

Size / weight 26,5 x 37,5 cm, height 5 and 7 cm, 4,2 kg

Mounting Wall mounting, two holes at distance 310 mm

Optical fibre connection 130 m with POF fibre, >1000 m with HTC cable

Greenspec also has repeater units for long distance POF cable



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