
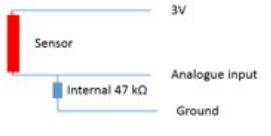

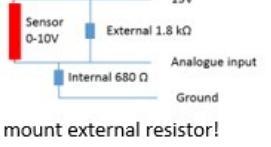
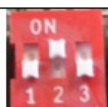
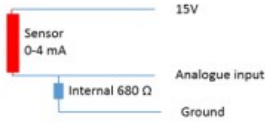
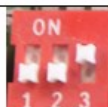

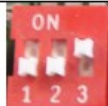
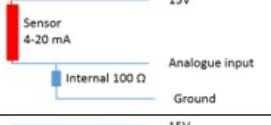
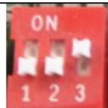
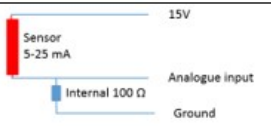




Connector	Name	AFP input	Plug	Wire color	Input name
1	A/A		GND		
2		ANA1	In		
3			+15V		
4			+3V		
5			GND		
6		ANA2	In		
7			+15V		
8			+3V		
1	A/B		GND		
2		ANA3	In		
3			+15V		
4			+3V		
5			GND		
6		ANA4	In		
7			+15V		
8			+3V		
1	A/C		GND		
2		ANA5	In		
3			+15V		
4			+3V		
5			GND		
6		ANA6	In		
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		

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		

Connector	Name	AFP output	Plug	Wire color	Output name
1	COMM ON		COMMON		
2			COMMON		
3			COMMON		
4			COMMON		
5			COMMON		
6			COMMON		
7			COMMON		
8			COMMON		
1	R/A	OUT1	PRINT 1		
2			COMMON		
3		OUT2	PRINT 1		
4			COMMON		
5		OUT3	PRINT 1		
6			COMMON		
7		OUT4	PRINT 1		
8			COMMON		
1	R/B	OUT5	PRINT 1		
2			COMMON		
3		OUT6	PRINT 1		
4			COMMON		
5		OUT7	PRINT 1		
6			COMMON		
7		OUT8	PRINT 1		
8			COMMON		
1	R/C	OUT9	PRINT 1		
2			COMMON		
3		OUT10	PRINT 1		
4			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		
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			COMMON		

Analog input	dipswitch	Electrical connection
0-3V		
0-10 V		
0-4 mA		
0-20 mA		
4-20 mA		
5-25 mA		

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

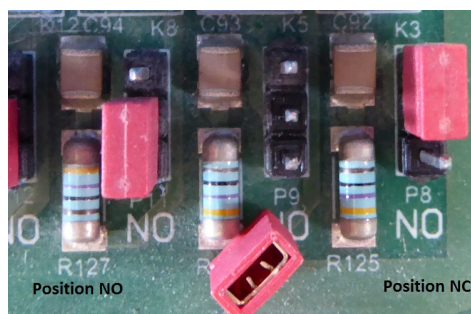
For **counter** and **digital** inputs only connect ground and signal.

**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

Input voltage

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

Input current

0.6A at 100VAC; 0.4A at 240VAC

Fuse

630mA, 5x20mm

Ambient Temperature

50°C maximum at full load

Humidity

20..90% non condensing

### Relais

Coil voltage

5VDC

Contact current

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

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



Horticulture automation

Delft, The Netherlands

[www.greenspec.nl](http://www.greenspec.nl) / [info@greenspec.nl](mailto:info@greenspec.nl)