

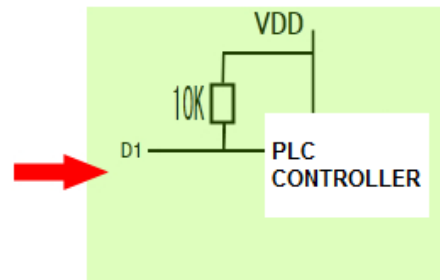
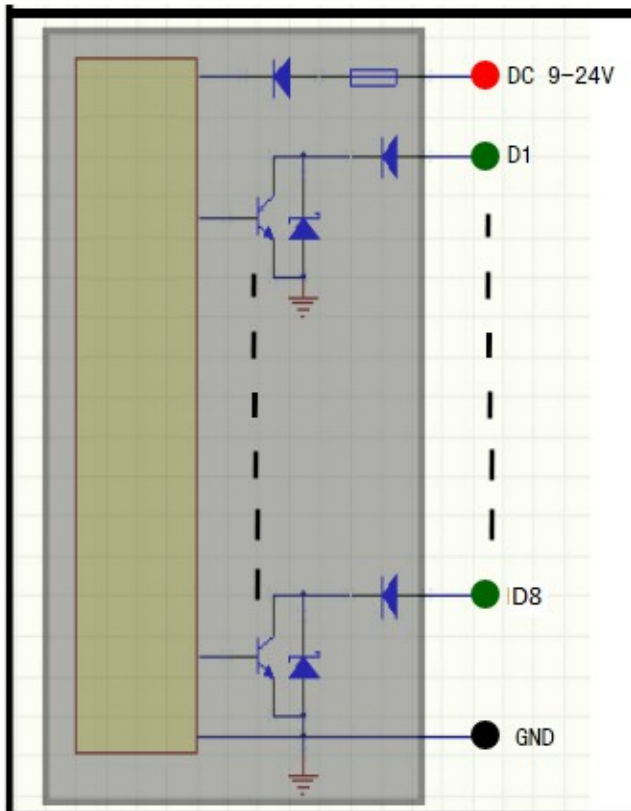
## IMGS-H16 MAGNETIC GUIDANCE SENSOR

- 8 channel with 10mm spacing
- High sensitivity
- Individual output LED
- Power indicator LED
- DC2 10P Connector type
- Low power consumption
- Widely used for AGV

\*16CH also available (IMGS-H16)



## SPECIFICATIONS & OUTPUT CIRCUIT



**Recommendation:**  
Please connector a 10k resistor to every channel output as above diagram to provide stable output to the controller.

<b>Power Supply</b>	9-24Vdc
<b>Max. consumption</b>	160mA
<b>Output type</b>	NPN
<b>No. of Channels</b>	8
<b>Channel Spacing</b>	10mm
<b>Pole Detection</b>	N-Pole or S-POLE
<b>Output current</b>	100mA
<b>Sensing range</b>	5~55mm
<b>Recommended range</b>	20~40mm
<b>Connector</b>	DC2-10P
<b>Operating temperature</b>	-10~+50°C

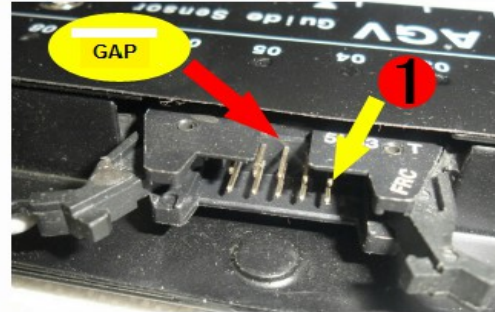
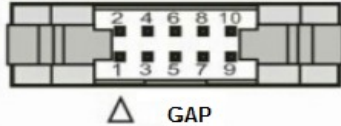
\*D1 ~ D8 = OUTPUT

## TERMINAL CONNECTION

### CONNECTOR SPECIFICATIONS

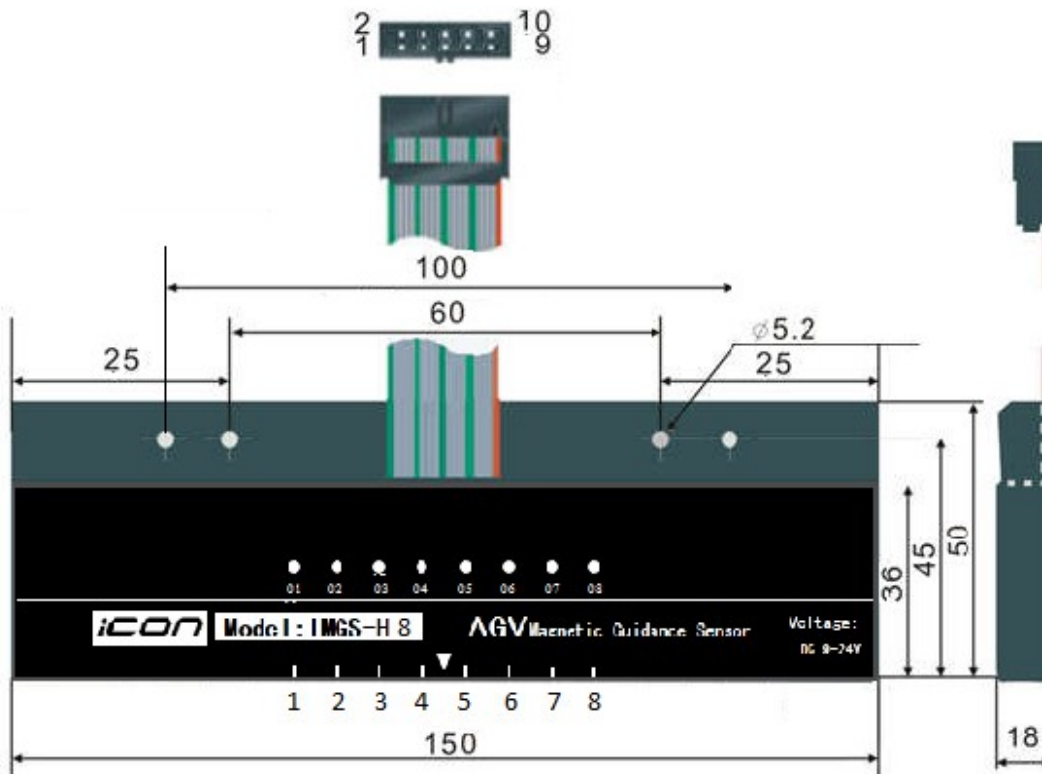
HORN HOOK SOCKET dc2-10p  
2 x 10P PITCH 2.5MM

### 接线端子定义



Pin No	Connection	Pin No	Connection
1	9-24V	6	D4
2	GND	7	D5
3	D1	8	D6
4	D2	9	D7
5	D3	10	D8

## DIMENSION



\*Unit in mm