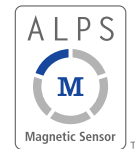


Magnetic Sensors Switching Output Type (Connector Connection Model)

HGDFPA Series

Compact and high precision. More flexible mounting and easy connection by built in connector.



Magnetic Sensor

Piezo Sensor

Resistive Sensor

Features

- High precision magnetic sensor based on magnetic sensing device technologies.
- Small size contributes to improving set design flexibility and easier layout design.
- More flexible mounting and easy connection by built in connector.
- Open collector output type.

Applications

- Detects Open and Close of lids and doors of any industrial equipments and amusement equipments.

Typical Specifications

Items	Specifications
	HGDFPA
Supply voltage	Typ. 5V (4.5V min. to 5.5V max.)
Supply current	Typ. 1.7mA
Output saturation voltage	max. 0.4V (Output sink current =10mA)
Output leakage current	max. 1 μ A (sensor OUT "HI")
Reference detection distance (L)(mm) Magnet20×20×10mm/ Surface magnetic flux430mT	Vertical installation : 80 to 98 Horizontal installation : 60 to 78
Connector	501568-0307 (MOLEX JAPAN CO.,LTD. HOUSING 501330-0300)

Dimensions

Unit:mm

