

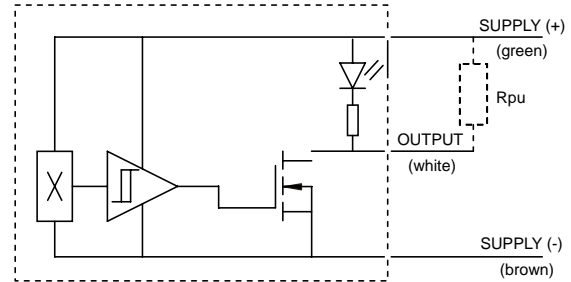
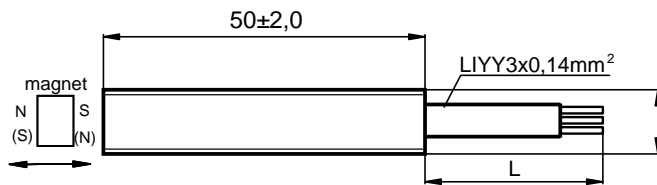
JIN ZON ENTERPRISE CO., LTD.

4F-3, No. 171, Sec. 2, Chang An E. Rd.,
 Taipei, Taiwan, R. O. C.
 TEL: 886-2-27111093~5
 FAX: 886-2-27310902
 E-mail: jinzon@ms2.hinet.net
 Http:// www.jinzon.com.tw/

Hall sensor LHS03

RoHS compliant product

Sensors are operated by permanent magnets, sizes and parameters of which depend on user's applications.
 In case doubts please contact the producer



L – Length of wires depends on customer's requirement

all dimensions in mm

DATA SCAN	Unit	LHS03/6	LHS03/12	LHS03/18
Contact form	open drain (NPN)			
Function	bipolar switch (indicated by LED)			
Operating voltage range	min	4,5	9	15
	typ	6	12	18
	max	9	15	20
Max current consumption	$B < B_{RP}$	6		
	$B > B_{OP}$	20		
Output saturation voltage	max	600		
Output leakage current	max	10		
Output current	max	2		
Operating frequency	max	100		
Operate point (B_{OP})	max	6,0 (south)		
Release point (B_{RP})	min	6,0 (north)		
Hysteresis ($B_{hys} = B_{OP} - B_{RP}$)	typ	4,5		
Environment category acc. to IEC 68-2-1÷3	40/85/21			
Housing	Plastic case			

Typical applications:
 Automatic control systems, garage doors, elevators, washing machines, refrigerators.