

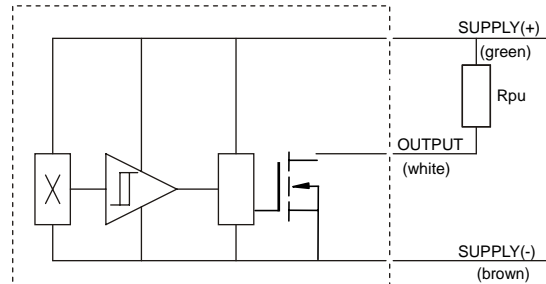
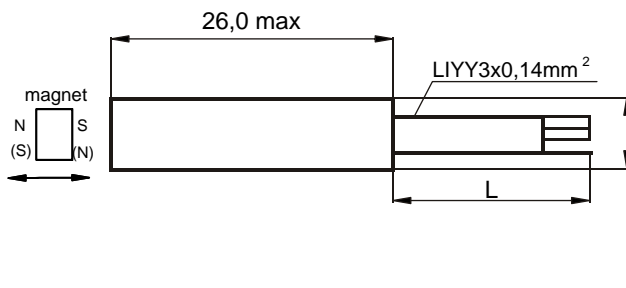
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Hall sensor LHS01/5-24

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	LHS01/5-24
Contact form		open drain (NPN)	
Function		latching switch	
Operating voltage range	min	V _{DC}	4,5
	max		24
Max current consumption	max	mA	6
Output saturation voltage	max	mV	500
Output leakage current	max	μA	10
Output current	max	mA	25
Operating frequency	max	kHz	100
Operate point (B _{OP})	max	mT	6,0 (south)
Release point (B _{RP})	min	mT	6,0 (north)
Hysteresis (B _{hys} = B _{OP} - B _{RP})	typ	mT	4,5
Environment category acc. to IEC 68-2-1÷3		40/85/21	
Housing		Plastic case	

* - sensor is protected against reverse polarity connection

** - output current is limited internally (30-60mA)

Typical applications:

Automatic control systems, garage doors, elevators, washing machines, refrigerators.