

# JIN ZON ENTERPRISE CO., LTD.

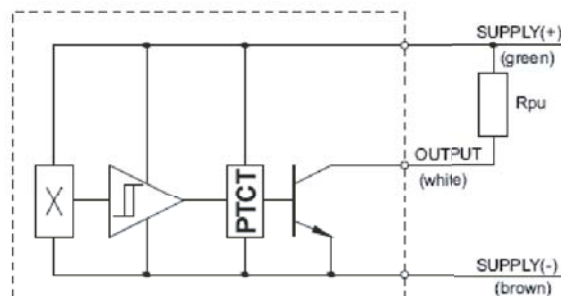
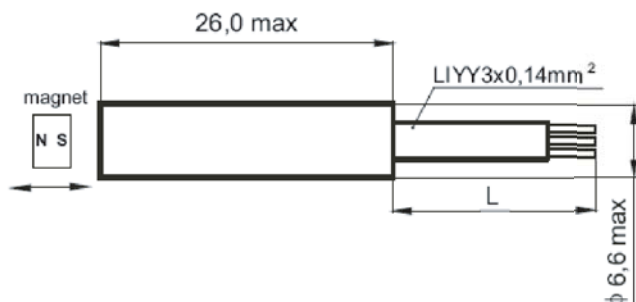
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## Hall sensor UHS01/5-24

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	UHS01/5-24	
Contact form		open collector (NPN)	
Function		unipolar switch	
Operating voltage range	min max	V <sub>DC</sub>	4,5 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 <sub>OP</sub> )	max	mT	6,0 (south)
Release point (B <sub>RP</sub> )	min	mT	0,5 (south)
Hysteresis (B <sub>hys</sub> = B <sub>OP</sub> - B <sub>RP</sub> )	typ	mT	1,0
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.