

JIN ZON ENTERPRISE CO., LTD.

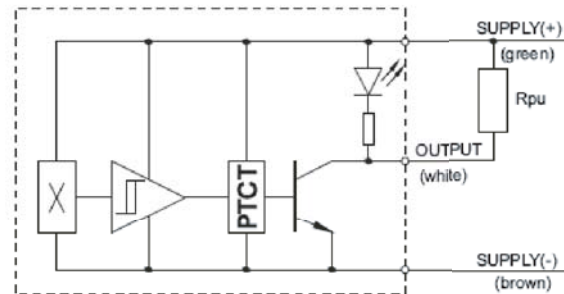
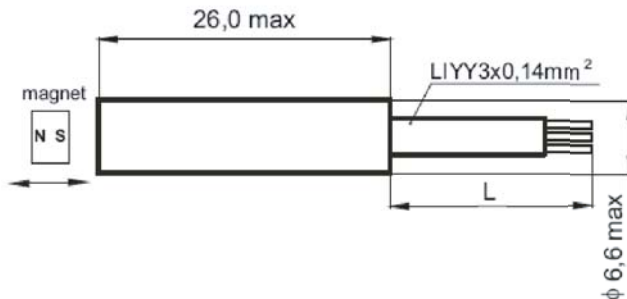
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Hall sensor UHS01

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	UHS01/6	UHS01/12	UHS01/18
Contact form		open collector (NPN)		
Function		omnipolar switch (indicated by LED)		
Operating voltage range	min	4,5	9	15
	typ	6	12	18
	max	9	15	24
Max current consumption	$B < B_{RP}$	6		
	$B > B_{OP}$	12		
Output saturation voltage	max	500		
Output leakage current	max	10		
Output current	max	20		
Operating frequency	max	100		
Operate point (B_{OP})	max	6,0 (south)		
Release point (B_{RP})	min	0,5 (south)		
Hysteresis ($B_{hys} = B_{OP} - B_{RP}$)	typ	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.