

Magnet-Sensor KHS100L

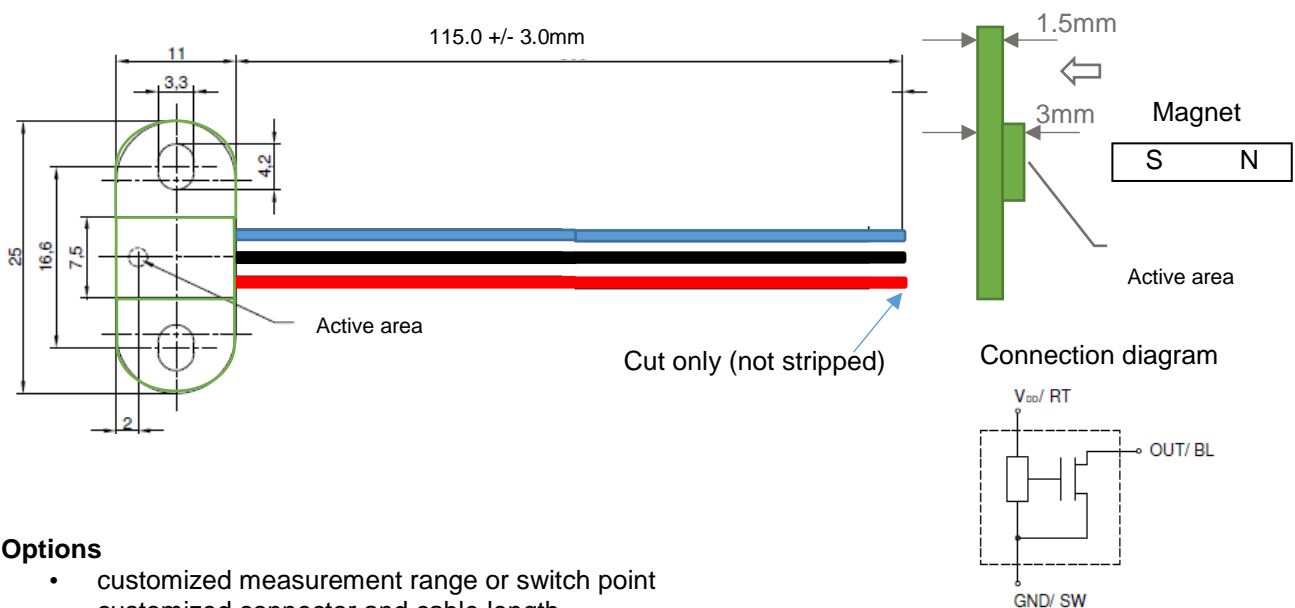
KHS100LN13C10L11K0

The Hall-Technology based sensor acts as magnet-switch, it can be used for e.g. door-, rotation- or angle detection.

The extreme flat and simple design is ideal for cost sensitive and space conditions applications.

Benefits

- Long life operations
- Proximity-Magnet switch
- Native construction



Options

- customized measurement range or switch point
- customized connector and cable length
- different magnets available

Specifications

Electrical specification

Supply voltage recommended	3.8 .. 24 VDC
overvoltage protection	-15 .. 32 VDC
Supply current min.	1.6 mA
typ.	3 mA
max	5.2 mA
Output current max. (continuously on)	20 mA
Switching frequency	max 10 kHz

Technical specification

Technology	Hall
Function	Switch / latch
Magnet. sensitivity	13 mT

Environmental condition

Working temperature including cable	dynamic	-40...+100°C
	static	-65...+105°C
IP-rating	IP 65 related / fully potted	

Mechanical specification

Housing	PA 66 plastic
Size	11 x 25 x 3mm (L x B x H)
Hole distance	16,6mm
Mounting	M3 not magnetically Starting torque: 0.5Nm
Wiring	115mm, +/- 3mm UL/c wire AWG 24 Style 1569