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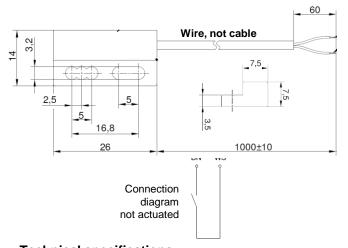
Proximity-Magnet Switch KRS140 Version KRS140-AN4L08L100

This proximity switch is based on reed switch technology and has been developed for cost sensitive applications. Depending on the actuator it reliably switches up to 20mm distance. Different cable lengths and connectors are available on request.

Matching actuators (magnets) are available.

Features:

- 50W high performance switch
- Up to 50 Mio. switching cycles and logic level loads
- Up to 20mm switching distances (depending on actuator / magnet)
- contamination proof
- Operates through non-ferrous metals



Technical specifications:

Technology	Reed-switch
Function	Normally open switch
Switching distances	Up to 20mm
Repeatability	< 1%
Switching cycles at: 240 V / 10mA 240 V / 100mA 24 V / 10mA	Results from tests: 5 Mio. 20 Mio. 50 Mio.

Mechanical specifications:

Housing	PA 66 Plastic
design	Rectangular with flange
Dimensions (L x W x H)	26 x 14 x 7,5mm
Flange (H x W)	3.5 x 6,5mm
Connection Conductors	1000mm wire 0,25mm ² with sleeves



Other sensor types and options:

- Round-, M5-, M6- und M8-Sensor housing
- Normally open and changeover switch versions
- Change over or normally open contacts
- Different cable lengths and connectors on request
- 100% customized sensors on request
- Lots of different actuators / magnets available

Electric specifications:

Switching power	Max. 50 W
Switching Voltage	Max. 265 VAC rms
Switching current	Max. 1000 mA
Contact resistance	100 mΩ
Operating - / release time	Ca. 0,75 ms / 0,3 ms
Operating power	Not required
short-circuit proof	Yes
Inductive and capacitive load	Switch has to be protected

Environmental conditions:

Working temperature	In motion: T.B.A Statict: T.B.A
IP rating	IP 65 to typ. 67 conform
Shock/vibrations	100 g / 30 g