

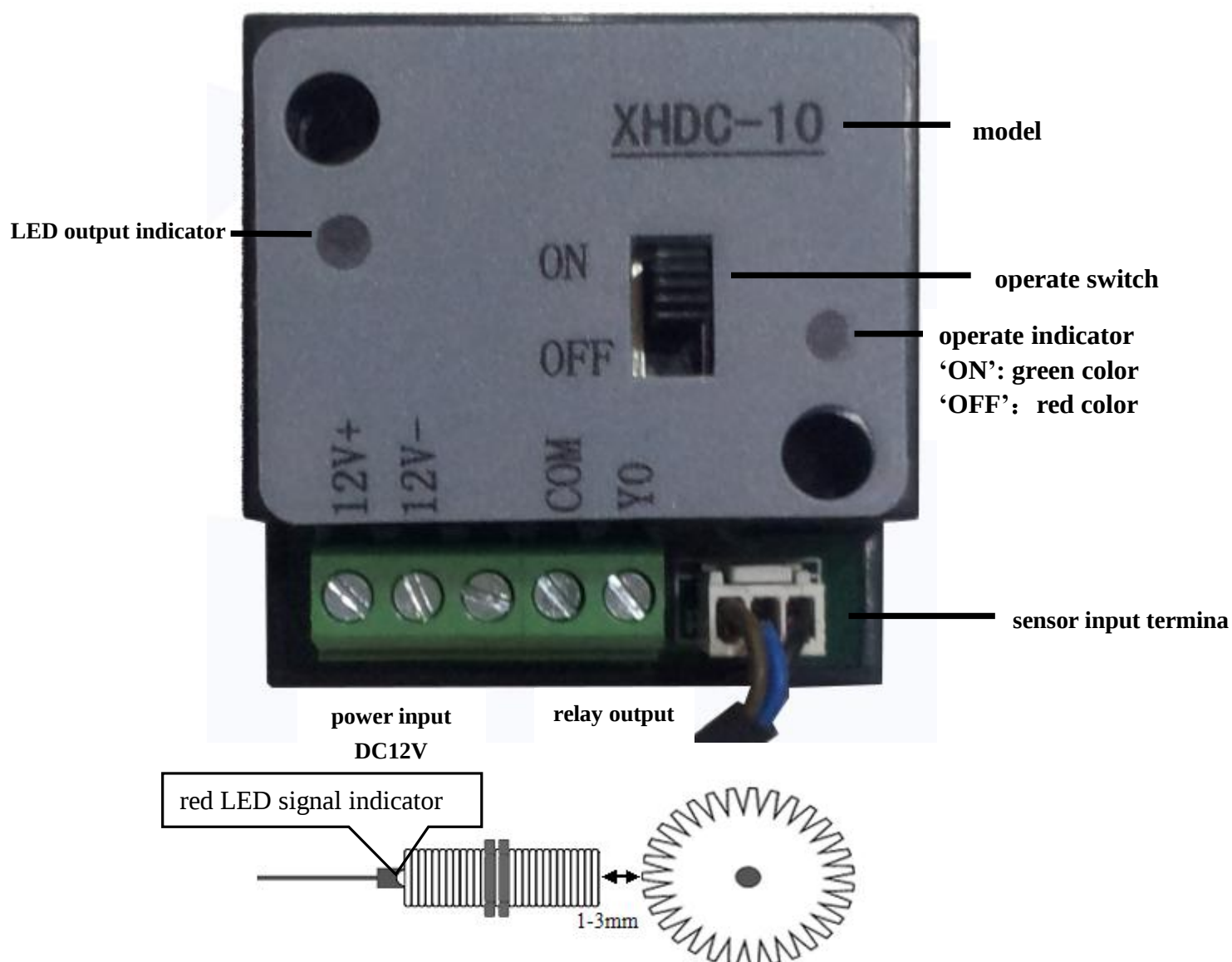
thread break detector XHDC-10 for rigid frame stranding machine

Information

XHDC-10 thread break detector is applied to the production of wire and cable, it is a monitor to detect the break in the production of the cable. Its application greatly improve the efficiency, increase capacity and save cost. And it is different from the common break sensor, for example, it can detect the rotation of the draw drum(irony) on the stranding machine to know whether the wire break happen . When the stranding machine is working, the draw drum will keep rotating and XHDC-10 will detect continuous signal,so that it will keep having a digit output.When the cable break happens, the draw drum will stop rotating and XHDC-10 could not detect the signal of rotation, it will delay to output..



Main part details



XHDC-10 thread break detector

- 1、 12V+ , 12V- : DC12V power supply ;
- 2、 COM , Y0 : output terminal, dry contact (250V1A).
- 3、 3 LED indicators:output indicator, operate indicator, sensor signal indicator.
- 4、 Operate switch: ON/OFF

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Specification

XHDC-10		
Material and Size of the Sensor	full thread copper diameter:16mm, length :60mm	
Test Object	iron	
Detecting Distance (the distance between the sensor and the object)	1mm	3mm
Response Frequency	0.2HZ	1HZ
Work Temperature	-20℃—+70℃	
Work Status	When the operate switch is ON, 1. The object keeps moving, the signal indicator on the sensor will blink and the output indicator on the main part will light constantly 2. When the object stop moving, the output indicator will be off after 1 to 5 seconds(the time depends on the detecting distance, the longer the distance is, the shorter the time is). When the output indicator is OFF,the signal indicator will light ON.	



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Size

