

光电式耗尽关机传感器

Photoelectric Depleted Shutdown Sensors

CY-0016系列

本传感器是利用光线在两种媒体中传播特性的不同而设计的控制传感器，由于采用了冗余技术，使其可靠性很高，它同YA16系列耗尽关机变换器配套，在飞行中发出耗尽信号，亦可同地面测试仪YK2-6B配套轻松完成测量工作。

性能指标

介质环境及工作点高度：四氧化二氮或偏二甲肼，高度为304, 143, 183, 717, 263, 155, 138, 184, 145mm（或高度根据用户可变）

输出特性：亮电压 $\leq 0.5V$,暗电压 $\geq 11V$ （指光敏管端电压）

输入电流：15 ~ 20mA（指发光管工作电流）

测量精度： $\pm 2mm$

工作温度： $-40 \sim +50^{\circ}C$

工作压力：1.0Mpa

耐介质时间：6个月

接点分配（Y11P-14192ZJ10-2）

Using the light different propagation characteristics in the two media, we design control sensor, it has high reliability due to redundant technology. Matching with YA16 depleted shutdown converter, it can send depleted signal in flight and do measurement cooperating with earthing tester YK2-6B.

Performance Index

Medium environment and working point height: Nitrogen tetroxide or partial dimethyl hydrazine, height is 304, 143, 183, 717, 263, 155, 138, 184, 145mm (height as requirement)

Output characteristics: threshold voltage $\leq 0.5V$, dark voltage $\geq 11V$ (voltage of Photosensitive tube)

Output current: 15 ~ 20mA (current of luminescent tube)

Measurement accuracy: $\pm 2mm$

Working temperature: $-40 \sim +50^{\circ}C$

Reliable index : 0.9999

Working pressure: 1.0Mpa

Medium-resistance time: six months

字 样 Sample	接 点 号 contact no	用 途 application
HG1	1,2	光敏三极管E极 phototriode E pole
	4,5	光敏三极管C极 phototriode C pole
	6,7	红外二极管负极 negative pole of IR Light-Emitting Diodes
	8,9	红外二极管正极 negative pole of IR Light-Emitting Diodes
Hg2	10,11	光敏三极管E极 phototriode C pole
	13,14	光敏三极管C极 phototriode C pole
	15,16	红外二极管负极 negative pole of IR Light-Emitting Diodes
	17,18	红外二极管正极 negative pole of IR Light-Emitting Diodes

