

Glass Bulb Types & Assembly Types

FOR FLAME MONITORS

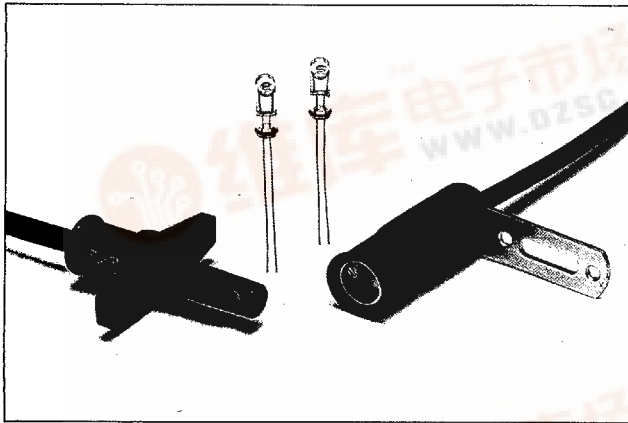
Type No.	Out-line	Absolute Maximum Ratings			Characteristics *5 (at 25°C)							
		Applied Voltage at 25°C	Allowable Power Dissipation at 25°C	Ambient Temperature Ta	Peak Response Wavelength λp Typ. (nm)	Cell Resistance *1			γ100 *3	Response Time at 10lx *4		
						10lx (at 2856 K)		0lx *2		100 to 10lx	Rise Time Typ. (ms)	Fall Time Typ. (ms)
						Min. (kΩ)	Max. (kΩ)	Min. (MΩ)	Typ.			
		(Vdc)	(mW)	(°C)								

Glass Bulb Types

P586	11	300	50	-30 to +60	520	180	520	10	0.85	45	30
P587		200	50	-30 to +60	520	44	130	5.0	0.80	45	30

Assembly Types

P628	12	150	300	-30 to +60	570	1.3	3.7	0.3	0.75	80	40
P628 Assy	13	150	300	-30 to +60	570	1.3	3.7	0.3	0.75	80	40
P930-05	14	150	50	-30 to +70	560	7	23	0.5	0.68	60	90
P930-06	15	150	50	-30 to +70	560	7	23	0.5	0.68	60	90
P1465-01	14	100	50	-30 to +70	520	27	81	10	0.85	60	20
P1465-02	15	100	50	-30 to +70	520	27	81	10	0.85	60	20



*1 Measured with the light source of a tungsten lamp operated at a color temperature of 2856K.

*2 Measured 10 seconds after removal of incident illuminance of 10 lux.

*3 Gamma characteristic between 10 lux and 100 lux and given by

$$\gamma_{10}^{100} = \left| \frac{\log(R_{100}) - \log(R_{10})}{\log(E_{100}) - \log(E_{10})} \right|$$

Where R_{100} , R_{10} : cell resistances at 100 lux and 10 lux respectively
 E_{100} , E_{10} : illuminances of 100 lux and 10 lux respectively

* 4 The rise time is the time required for the cell conductance to rise to 63% of the saturated level. The fall time is the time required for the cell conductance to decay from the saturated level to 37%.

*5 All characteristics are measured with the light history conditions: the CdS cell is exposed to light of 100 to 500 lux for one to two hours.

Unit: mm

11 P586, P587

12 P628

13 P628 Assy

14 P930-05, P1465-01

15 P930-06, P1465-02

