



Package type	Photomultiplier type	Transimpedance	tr & tf or bandwidth	Length 'L' mm
P25A	9111B	40kΩ	3ns	110
P25A-02	9111WB	40kΩ	3ns	110

Programming options for integral high voltage power supply

A. Internal potentiometer (access from end face of package)	B. External voltage
<p>Red → +4.75V to +5.25V</p> <p>Black → 0V</p> <p>Violet → -4.75V to -5.25V</p> <p>Yellow → [Circuit diagram]</p> <p>White → [Circuit diagram]</p> <p style="text-align: right;">● Monitor</p>	<p>Red → +4.75V to +5.25V</p> <p>Black → 0V</p> <p>Violet → -4.75V to -5.25V</p> <p>Yellow → NC</p> <p>White → +0.3V to +1.8V</p> <p style="text-align: right;">● Monitor</p>
NC: no connection - isolated lead	
Monitor: 1/1000 of voltage applied to photomultiplier	

Notes

1. Case is internally connected to 0V.
2. Case finish, Black powder coat.
3. Typical input current 80mA at +5V and 20mA at -5V.

Sales Drawing

 SENS-TECH <small>SENSOR TECHNOLOGIES</small> <small>Bury Street, Ruislip, HA4 7TA, UK</small>	Issue	Date	C/Note No.	Sign	Material	Drawn by M. Stoodley	Project
	1	24.10.01				Date 24 October 2001	P25A
	2	19.11.01				Scale 1:1	Title
	3	30.10.02				Checked M. Stoodley	Photodetector packages
	4	14.12.04				Approved R. Ellis	Drawing Number
Limits on all dimensions unless otherwise stated Linear dimensions - ±0.1mm Angular dimensions - ±0.1°	5	29.01.10	S00276	AS	Finish See note 2 Surface finish Unless otherwise specified <div style="text-align: center;"> N7 </div>	THIRD ANGLE PROJECTION 	25894 C 863 Sheet 1 of 1
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