

Voltage divider assembly for 19mm (3/4") fast tubes

For tube types :

XP1901	19 mm (3/4") fast tubes, 8 and 10 stages
XP1911	
XP1912	
XP1918	
XP1981	

Operating conditions :

Output signal	Pulse output signal
Supply voltage	Cathode grounded (anode at +HV)
Optimisation of	gain characteristics (A type divider, see tube datasheet)

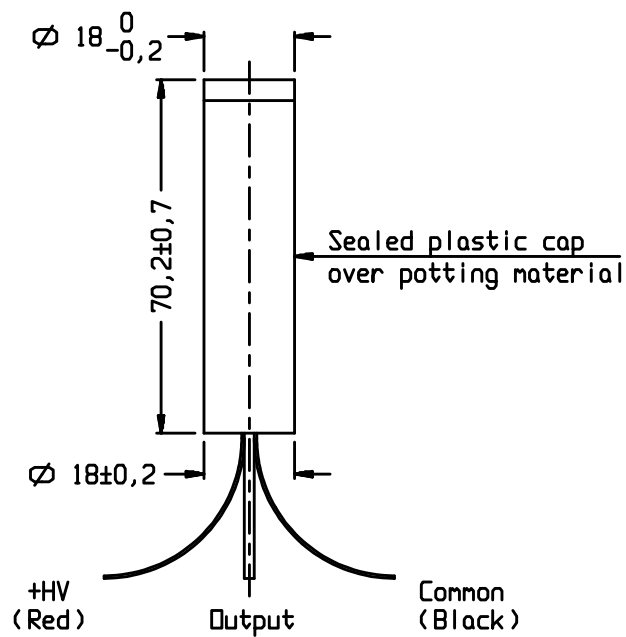
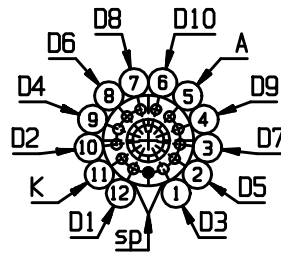
General characteristics :

Total divider static resistance	4,2	MΩ
Output load resistor	1	MΩ
Operating voltage	typ. 1500 max. 1800	V V
Dissipated power at max. voltage	0.8	W
Linearity within 4% at typ. voltage up to	18	μA

Caution :

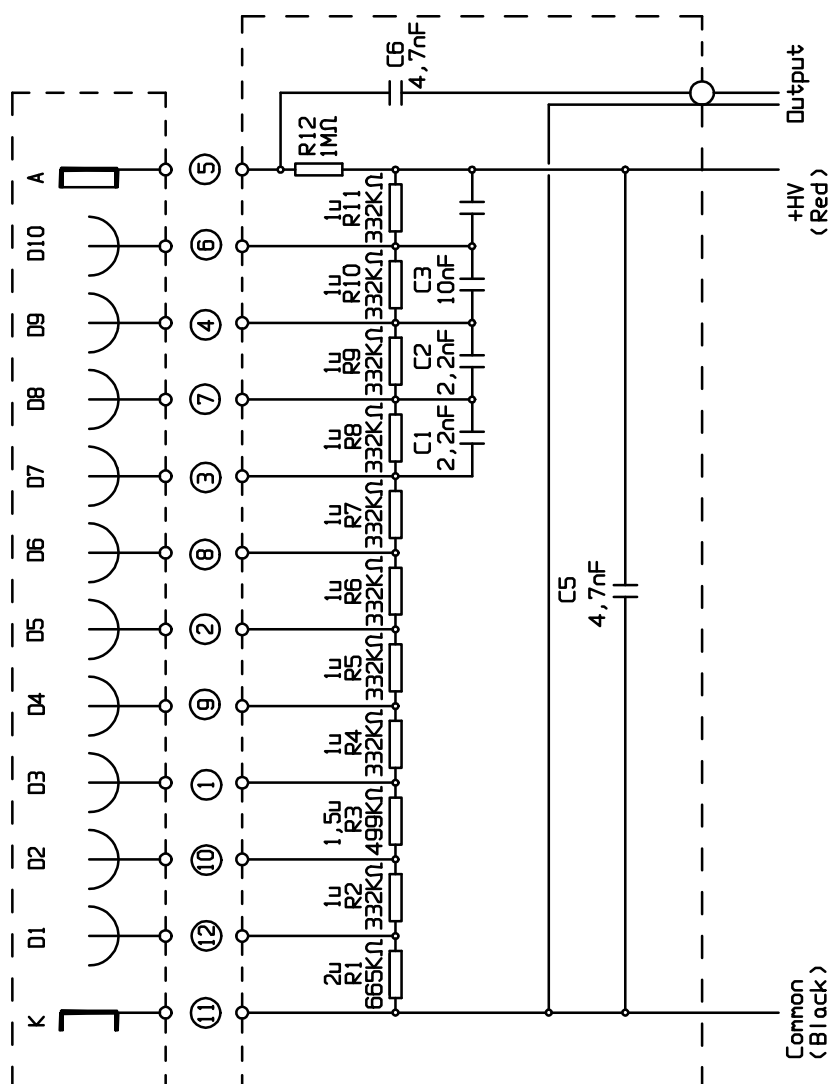
This base assembly connects the glass envelope of the tube to high voltage.

Care should be taken to avoid electrical shock.



K : cathode - D1 ... D10 : dynodes 1 to 10 - A : anode
sp : key for short pin

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Drawing reference : 40600022

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Circled numbers are pin numbers