

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	DC or pulse output signal
Supply voltage	anode grounded (cathode at - HV)
Optimisation of	linearity, time characteristics and count rate stability (B type divider, see tube datasheet)

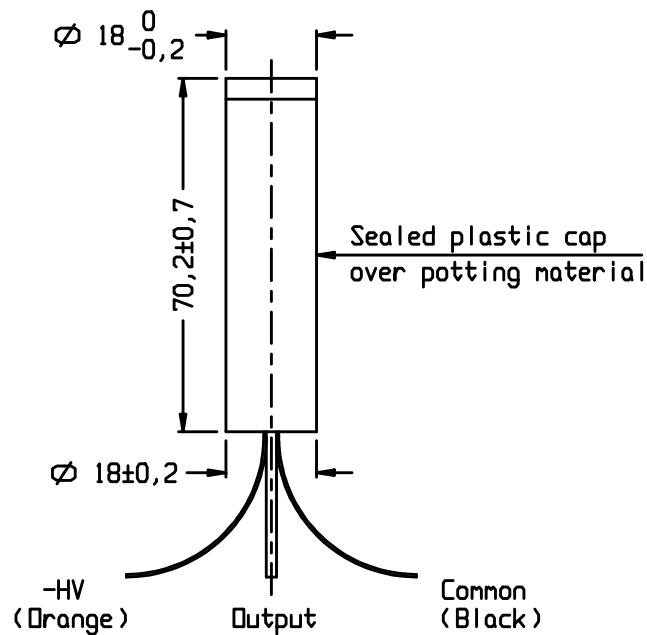
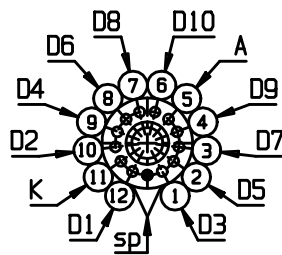
General characteristics :

Total divider static resistance	5.9	M Ω
Output load resistor	1	M Ω
Operating voltage	typ. 1500 max. 1800	V V
Dissipated power at max. voltage	0.5	W
Linearity within 4% at typ. voltage up to	13	μ A

Caution :

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

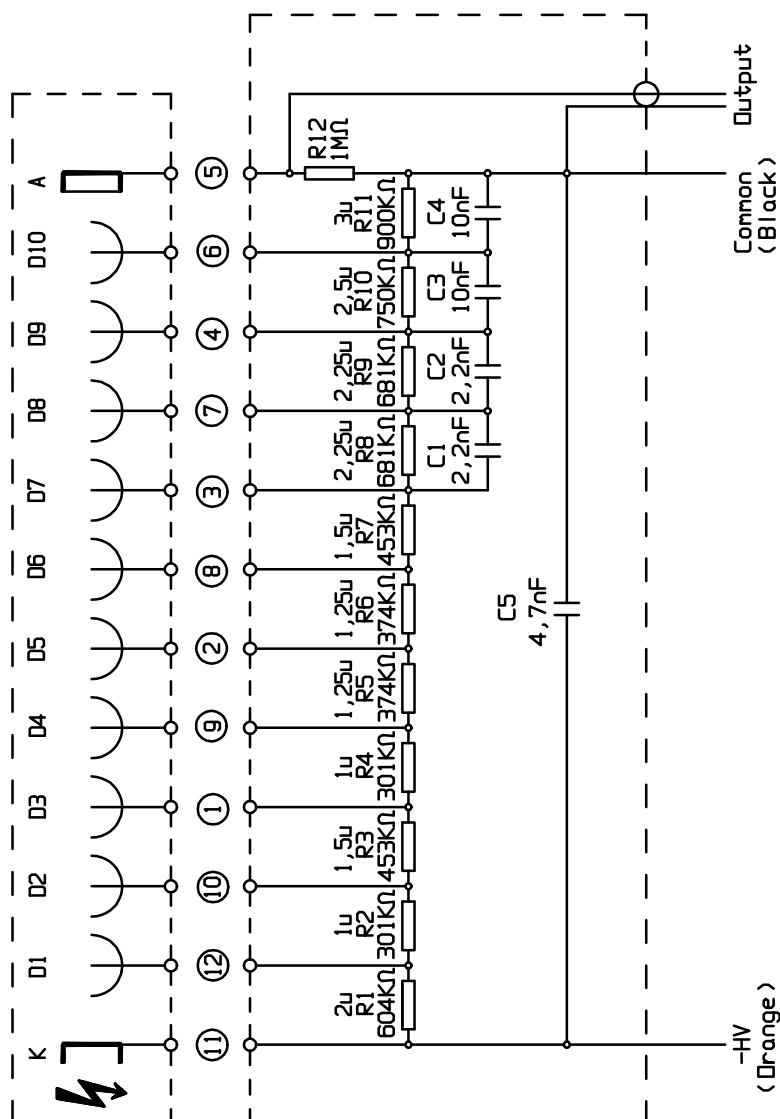
Care should be taken to avoid electrical shock.



Drawing reference : 99900386

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

Wires exit within a 5mm centered circle : length : 500 +/- 10
High voltage : PTFE insulated
Output : RG174AU / KX3B



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Circled numbers are pin numbers