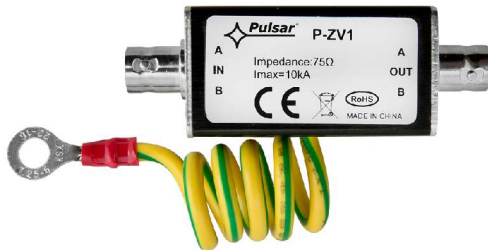


CODE: **P-ZV1** v.1.0/I  
 TYPE: **P-ZV1 Video circuit surge protection (BNC socket – BNC socket)**

EN\*\*



## DESCRIPTION

Atmospheric discharges produce a very large amount of energy, which induces surges in power networks, causing damage to electrical and electronic equipment.

The P-ZV1 is designed for surge protection of video devices, i.e. cameras, video recorders, monitors. The device includes gas protectors, which allow absorbing voltage spikes and discharging loads to the ground through protective (PE) conductor. Proper protection of the devices depends on proper grounding or protective (PE) conductor.

The housing is made of aluminum to provide good shielding of the system and resistance to mechanical damage.

To fully protect the device, both power supply circuit and video circuit should be protected.

In the case of devices powered from DC12V, it can be done using the P-Z12V1 surge protector.

## TECHNICAL DATA

<b>The rated voltage of the protected circuit <math>U_N</math></b>	5V
<b>Maximum Continuous Operating Voltage <math>U_C</math></b>	8,8V
<b>Nominal discharge current (8/20<math>\mu</math>s) wire-ground <math>I_{SN} (I_N)</math></b>	5kA
<b>Maximum discharge current</b>	10kA
<b>Operation temperature</b>	-25°C ÷ 60°C
<b>Protection class</b>	IP20
<b>Input/Output impedance / connector type</b>	75 $\Omega$ / BNC socket
<b>Dimensions</b>	25 x 25 x 83mm
<b>Net / gross weight</b>	0,09kg/0,10kg
<b>Declarations, warranty</b>	CE, one year from the production date

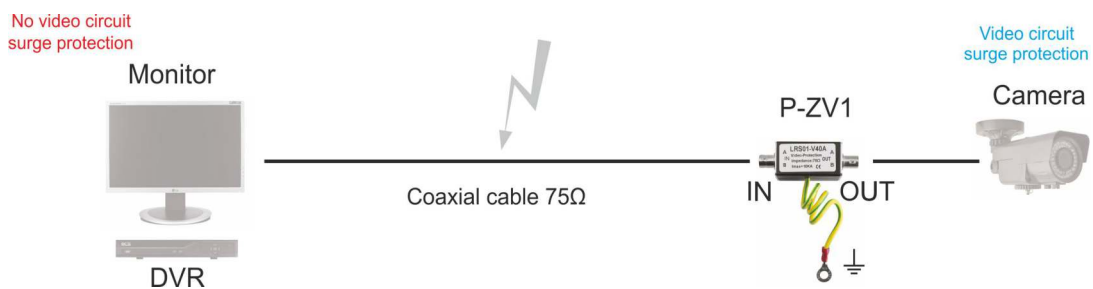


Fig. 1. Camera Surge Protection (video circuit)

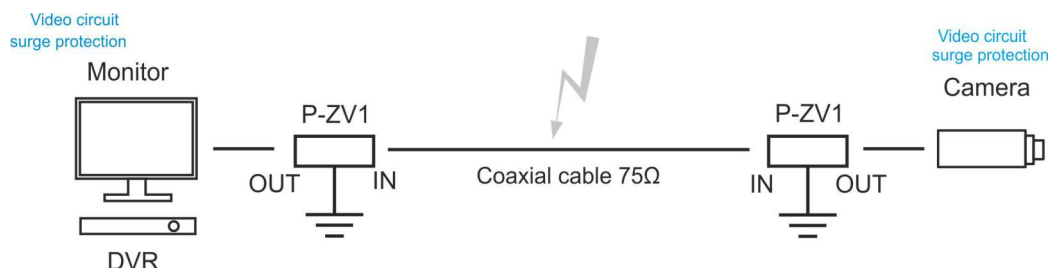


Fig. 2. Camera and Monitor Surge Protection (video circuit)