

Code: SV-1000/DIN

## VIDEO SEPARATOR **SV-1000/DIN**

The SV-1000/DIN is designed for additional protection in CCTV installations, securing the cameras and other devices from voltage differences and strokes between devices in the installation. The device eliminates signal disturbances that take place with transmissions over several hundred meters distances.

The Fig.1 shows the SV-1000P video separator connecting diagram example. It allows to eliminate signal disturbances due to difference in voltage between camera ground and monitor ground. The voltage results from this difference can adds up to useful signal voltage. It makes low frequency disturbances manifested as e.g. slowly vertical moving black fields.



|   |                              |
|---|------------------------------|
| Standard:   | CVBS - PAL / NTSC            |
| Number of inputs:   | 1 pcs BNC                    |
| Number of outputs:  | 1 pcs BNC                    |
| Input impedance:  | 75 $\Omega$                  |
| Output impedance:   | 75 $\Omega$                  |
| Galvanic (optical) isolation between signal inputs and outputs: | 1000 V peak                  |
| Opto-isolation between power and signal inputs / outputs:       | 1000 V peak                  |
| Gain adjustment:  | -5 dB ... 2.4 dB             |
| Bandwidth:  | 9 MHz / 1 Vpp                |
| Transmission error:   | 0.75 % (f=3.58MHz, Vin=1Vpp) |
| Assembly:   | DIN rail (TS-35)             |
| Power supply:   | 12 V DC / 90 mA              |
| Weight:   | 0.085 kg                     |
| Dimensions:   | 91 x 75 x 37 mm              |
| Manufacturer / Brand:   | DELTA                        |



# DATA SHEET

Guarantee:

**3 years**