

VZS-5

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VZS-5

Twisted Pair Transmitter, Composite Input,

TP Output, 230VAC

Art-Nr. 70517



Main Features

Videosignal Symmetrization

Power and Signal Loss Indication

Adjustable Signal Amplitude 0.7 to 1.3Vp-p

Bandwidth: 10MHz

Black Level Clamping

In/Output Short Circuit and Transient Protected

Supply Voltage: 230VAC/50Hz

Weatherproof Design

Specifications

Video input	0.7-1.3 Vp-p asymmetrical input (C)CVS, 75 Ohms
Video outputs	1Vp-p, 124ohms (symmetrical), 1Vp-p, 75ohms (asymmetrical), BNC
Signal clamping	Clamping sets video signal black level to GND
Bandwidth	10MHz
Operations	Video output amplitude
Range	850 m
Overvoltage protection	Ferrit cores
Signal transmission	Video
Operation mode	Active
LED indication	Input signal loss indication = yellow LED, Power = green LED
Cable entries	3x M16x1.5
Protection rating	IP67
Supply voltage	230VAC
Current consumption	20 mA max.
Temperature range (Operation)	-25°C ~+40°C

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(Continuation Spezifications)

Model	Housing
Type of unit	Transmitter
Housing	Plastic, flame retarded: UL94-V2
Weatherproof	yes
Colour	Light grey
Dimensions (HxWxD)	70x80x140mm
Weight	500g

Product information

Preferably unshielded twisted-pair cables should be used for the signal transmission. Are there already existing shielded cables which have to be used, the shield must only be earthed on one end, e. g. on transmitter side. We recommend cables in a twisted 2-pair wire bundle configuration (n2x2x0.8 mm). The best result will be achieved by using cables with a twist of up to 7-times per meter. By using unshielded cables with 0.8mm wire diam. and standard receiver modules (amplification of +30dB), good results can be expected for a transmission length of approx. 800 meters. Shielded cables, cables with different wire diam., or a connection via patch fields, can considerably reduce the max. possible transmission length.



VIDEOR