



**Ankrit**  
Technologies GmbH

electrical safety for patients and employees

# ISOMED 4-channel BNC

Item no.: 00BA



**Four galvanically isolated video channels with BNC sockets for transmitting four composite signals or two S-video signals or RGB + sync. The green input sockets are connected to the patient's side (medical device), the red output sockets are connected to the non-medical side.**

#### RS-232:

The serial signal of a RS-232 connection is galvanically isolated via a D-SUB 9-pin socket/connector.

#### SWITCHING CONTACT:

A switching contact (foot switch) can be transmitted in a galvanically isolated way via the jack sockets.

#### PRODUCT CONFORMITY

The product is in accordance with the regulation (EU) 2017/745 on medical devices, Article 19 and Annex IV, Directive 2011/65 / EU (RoHS), Article 13 and Annex VI.

#### QUALITY MANAGEMENT

Ankrit Technologies GmbH has a certified quality system according to ISO 9001:2015.

You need more information? We are happy to provide further assistance! **phone +49 (0)821.47 86 67 80**

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POWER SUPPLY UNIT	
Supply voltage	230V AC ± 10 % 50/60 Hz
Power consumption	10 VA
VIDEO INPUT CHANNELS	
Input impedance	75 Ω
Input voltage	1,0 Vpp
Coupling	AC
VIDEO OUTPUT CHANNELS	
Output impedance	75 Ω
Amplification	1 at 75 Ω
Coupling	AC
Frequency response	20Hz to 9MHz (-3dB)
ISOLATION	
Creepage distance	8 mm
Dielectric strength	4000 Veff AC
GENERAL INFORMATION	
Weight	1,8 kg
Size	340 x 157 x 48 mm
Protection class	I
Degree of protection	IP 30
SWITCH CHANNEL	
Switch channel input	Relay input switching to ground (5mA)
Switch channel output	Relay contact, standard open contact
RS232	
<b>Input</b>	
D-Sup9-pin connector	1:1 cable
<b>Output</b>	
D-Sub9-pin socket	Null modem
PIN-Assignments	
RXD, TXD, CTS, RTS, DTR, DST	