

## Technical data sheet

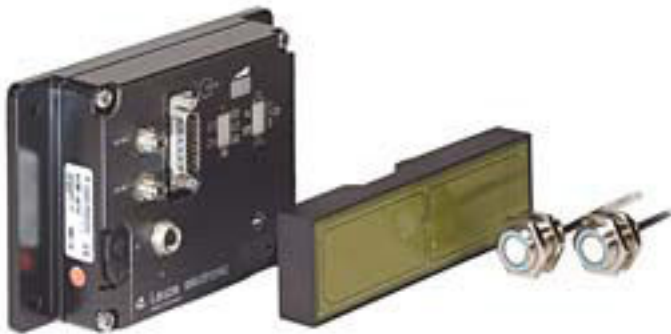
### Double sheet monitoring amplifier

Part no.: 50106807

VDB 14B/2

#### Contents

- Technical data
- Electrical connection
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For illustration purposes only



## Technical data

### Basic data

Series	14
Principle of physics	Capacitive Ultrasonics
Application	Double sheet monitoring

### Electrical data

<b>Performance data</b>	
Supply voltage $U_B$	18 ... 30 V, DC
<b>Outputs</b>	
Number of digital switching outputs	7 Piece(s)
<b>Switching outputs</b>	
Type	Digital switching output
<b>Switching output 1</b>	
Switching element	Transistor, NPN
<b>Switching output 2</b>	
Switching element	Transistor, NPN
<b>Switching output 3</b>	
Switching element	Transistor, NPN
<b>Switching output 4</b>	
Switching element	Transistor, NPN

### Time behavior

Switching frequency	200 Hz
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### Connection

<b>Connection 1</b>	
Type of connection	Sub-D

### Mechanical data

Design	Cubic
Dimension (W x H x L)	99 mm x 35 mm x 160 mm
Housing material	Metal
Metal housing	Aluminum
Net weight	450 g

## Electrical connection

### Connection 1

Type of connection	Sub-D
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### Connection 2

Type of connection	Connector
No. of pins	3 -pin

### Connection 3

Type of connection	Connector
No. of pins	5 -pin

### Operation and display

Type of display	LED
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### Environmental data

Ambient temperature, operation	0 ... 40 °C
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### Certifications




Degree of protection	IP 54
Protection class	III
Standards applied	IEC 60947-5-2

### Classification

Customs tariff number	85365019
ECLASS 5.1.4	27289200
ECLASS 8.0	27289290
ECLASS 9.0	27272892
ECLASS 10.0	27272892
ECLASS 11.0	27272892
ECLASS 12.0	27272892
ECLASS 13.0	27272892
ECLASS 14.0	27272892
ECLASS 15.0	27272892
ECLASS 16.0	27272892
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015
UNSPSC 26.08	41111960

## Accessories

### Connection technology - Connection cables

	Part no.	Designation	Article	Description
  	50037339	BK7 KB-140-5000-20	Connection cable	Connection 1: Sub-D, Axial, Female, 26 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PVC

#### Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.