

Technical data sheet

Double sheet monitoring amplifier

Part no.: 50106807

VDB 14B/2

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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

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

Time behavior

Switching frequency	200 Hz
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Connection

Connection 1	
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

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
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015

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

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.