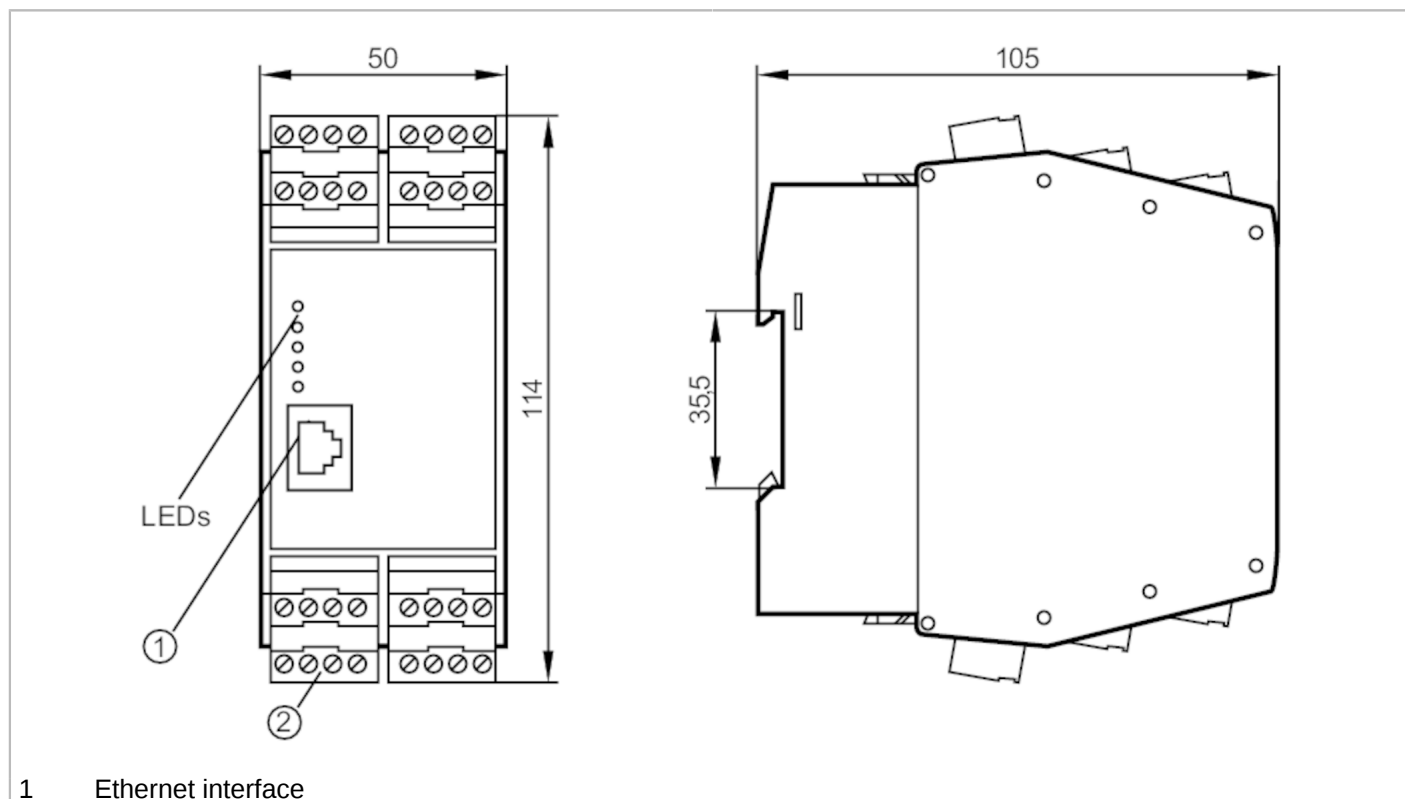


# VSE100



## Diagnostic electronics for vibration sensors

DIAGNOSTIC ELECTRONICS



1 Ethernet interface



Made in Germany

Application	
Design	parameter setting via PC software VES004
Application	counter function
Electrical data	
Operating voltage tolerance [%]	20
Operating voltage [V]	24 DC; (when using the IEPE input: 24 V + 20%; IEPE = Integrated Electronics Piezo Electric)
Current consumption [mA]	200; (24 V)
Protection class	III
Inputs / outputs	
Total number of inputs and outputs	16; (configurable)
Inputs	
Number of analogue inputs	2
Input circuit of digital inputs	HTL
Resolution of analogue input	12
Dynamic input - sampling rate [X23]	100



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Outputs	
Output signal	switching signal; analogue signal
Number of digital outputs	1
Output function	normally open / normally closed; (parameterisable)
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	100
Number of analogue outputs	1
Analogue current output [mA]	4...20; (0...10 V)
Max. load [Ω]	500
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes
Measuring/setting range	
Frequency range [Hz]	0...12000
Interfaces	
Communication interface	Ethernet
Operating conditions	
Ambient temperature [°C]	0...70
Storage temperature [°C]	0...70
Protection	IP 20
Tests / approvals	
EMC	EN 61000-6-2
	EN 61000-6-3
	EN 50178
MTTF [years]	89
Mechanical data	
Weight [g]	356.8
Housing	plastic housing
Type of mounting	rail
Dimensions [mm]	114 x 50 x 105
Materials	PA
Data memories	
History memory	yes
Data memory buffered	yes
Data memory type	ring memory; FIFO
With real-time clock	yes
Memory location	internal
Memory interval	min. 1 min
Memory size	881664 data records
Accessories	
Accessories (optional)	cross-over Ethernet patch cable for the direct connection to the PC

# VSE100

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### Remarks

Pack quantity

1 pcs.

# VSE100



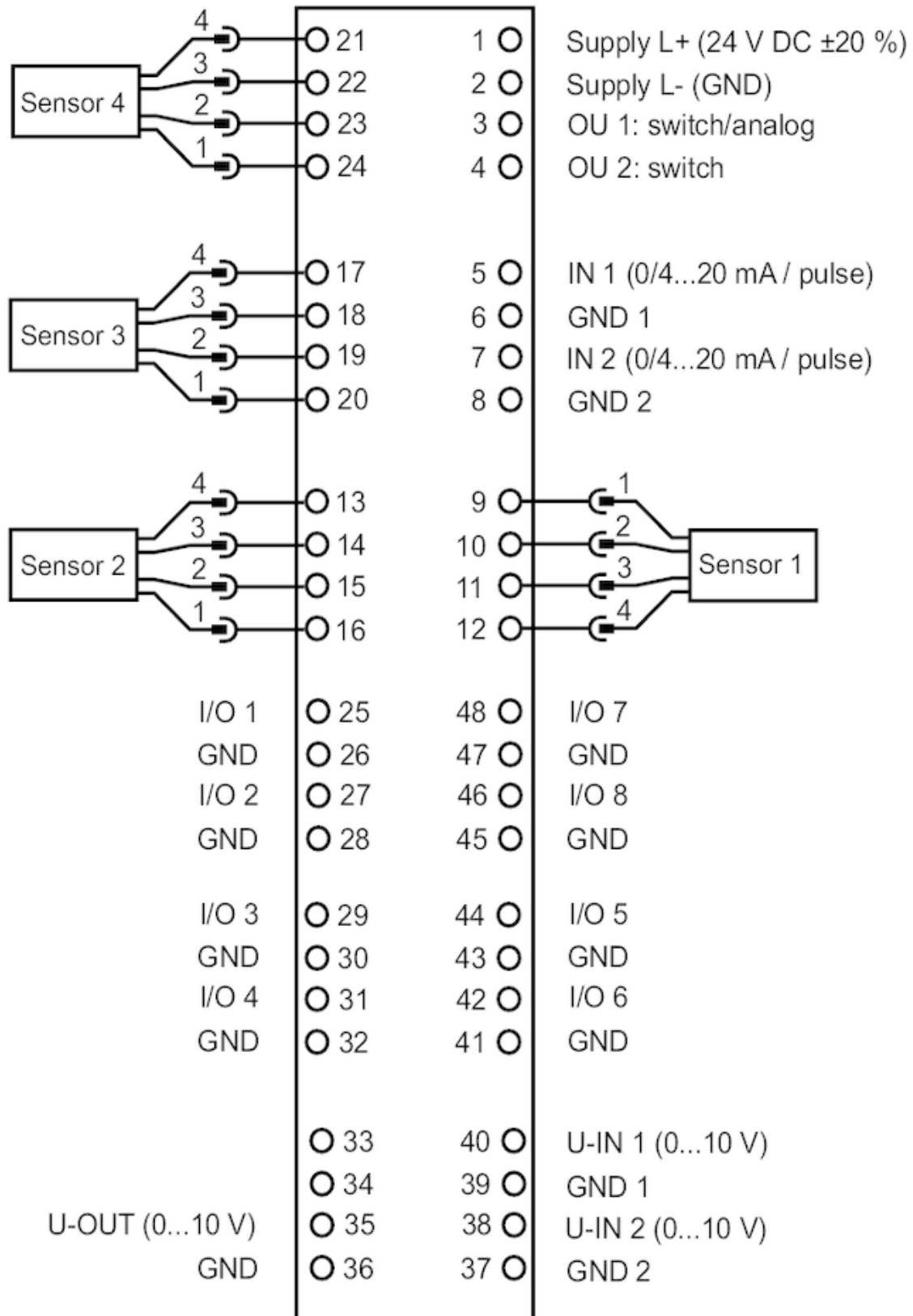
## Diagnostic electronics for vibration sensors

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### Electrical connection

COMBICON: ; Maximum cable length: 250 m

### Connection



# VSE100

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