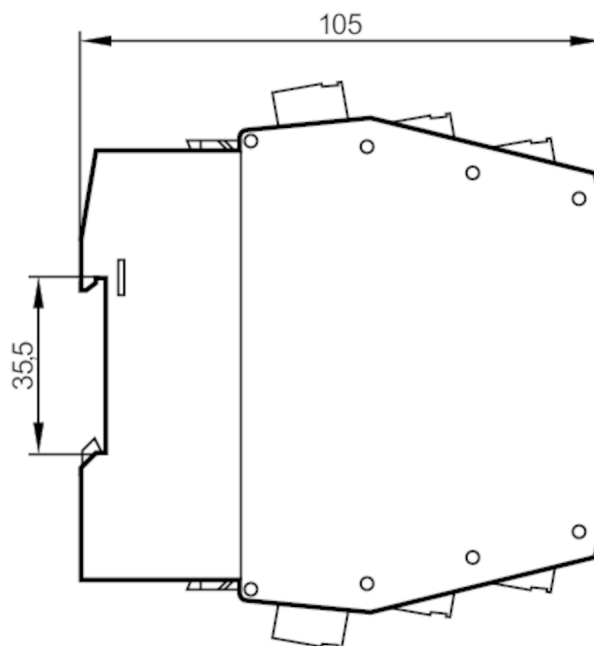
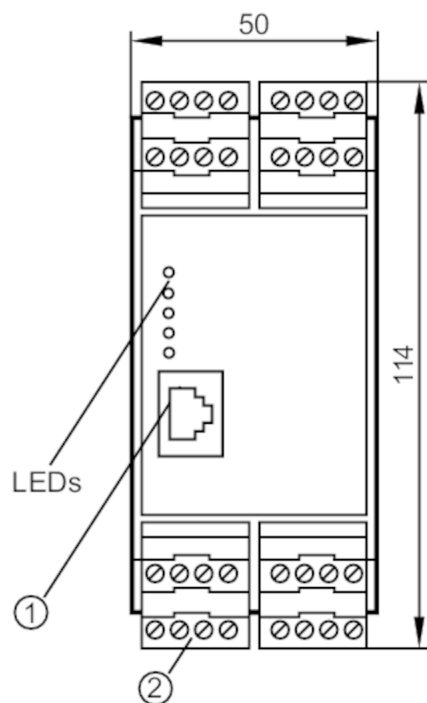




1 Ethernet interface



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	8; (configurable)
Number of inputs and outputs	Number of analogue inputs: 2; Number of digital outputs: 2; Number of analogue outputs: 1

Inputs

Number of analogue inputs	2
Input circuit of digital inputs	HTL
Resolution of analogue input	12
Dynamic input - sampling rate	100
	[kSamples]



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Outputs		
Total number of outputs		2
Output signal		switching signal; analogue signal
Electrical design		PNP
Number of digital outputs		2; (configurable)
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; (configurable)
Analogue current output [mA]		0...22; (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
Protocol		TCP/IP
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



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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
Remarks	
Pack quantity	1 pcs.



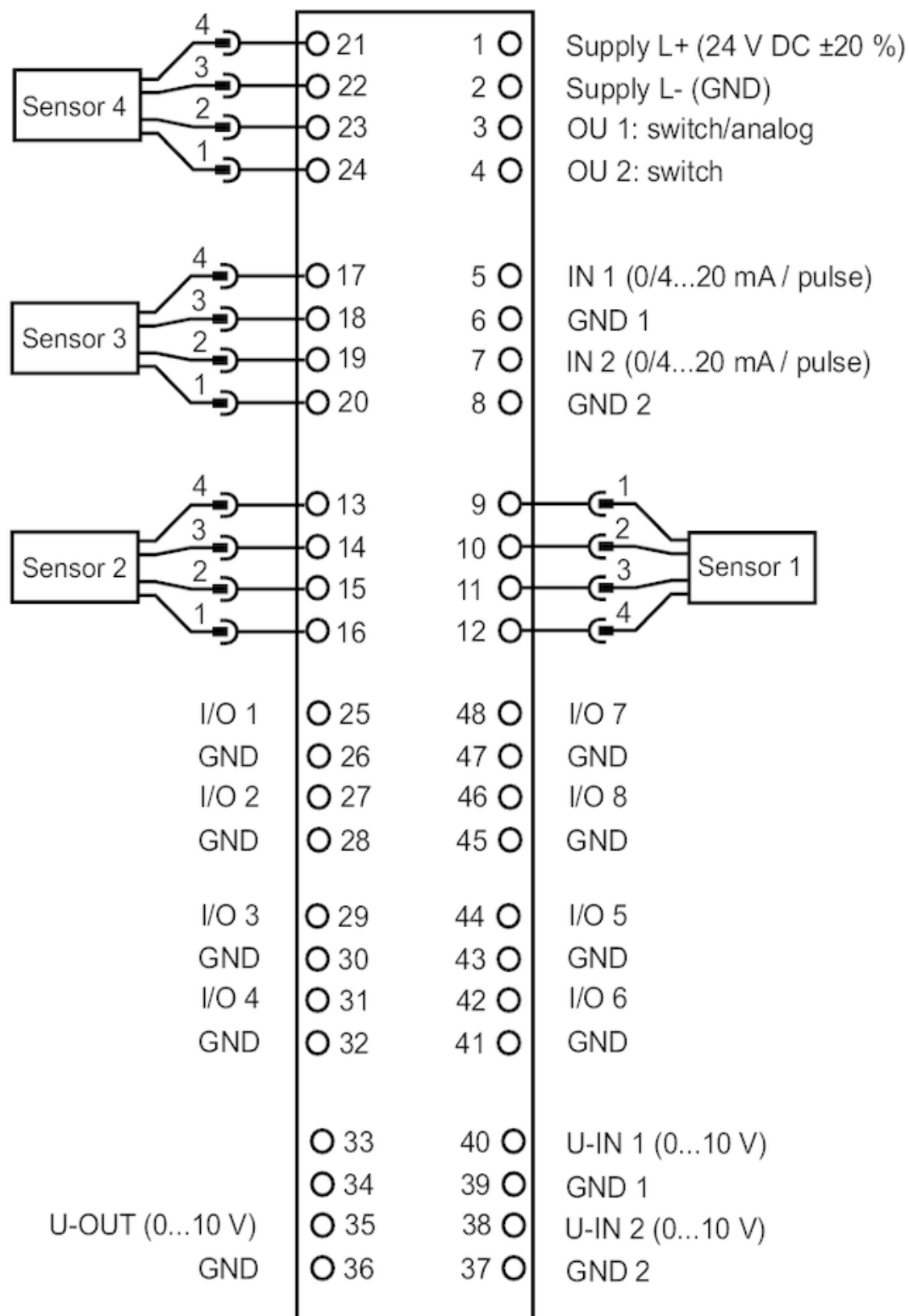
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Electrical connection

COMBICON: ; Maximum cable length: 250 m

Connection



VSE100

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