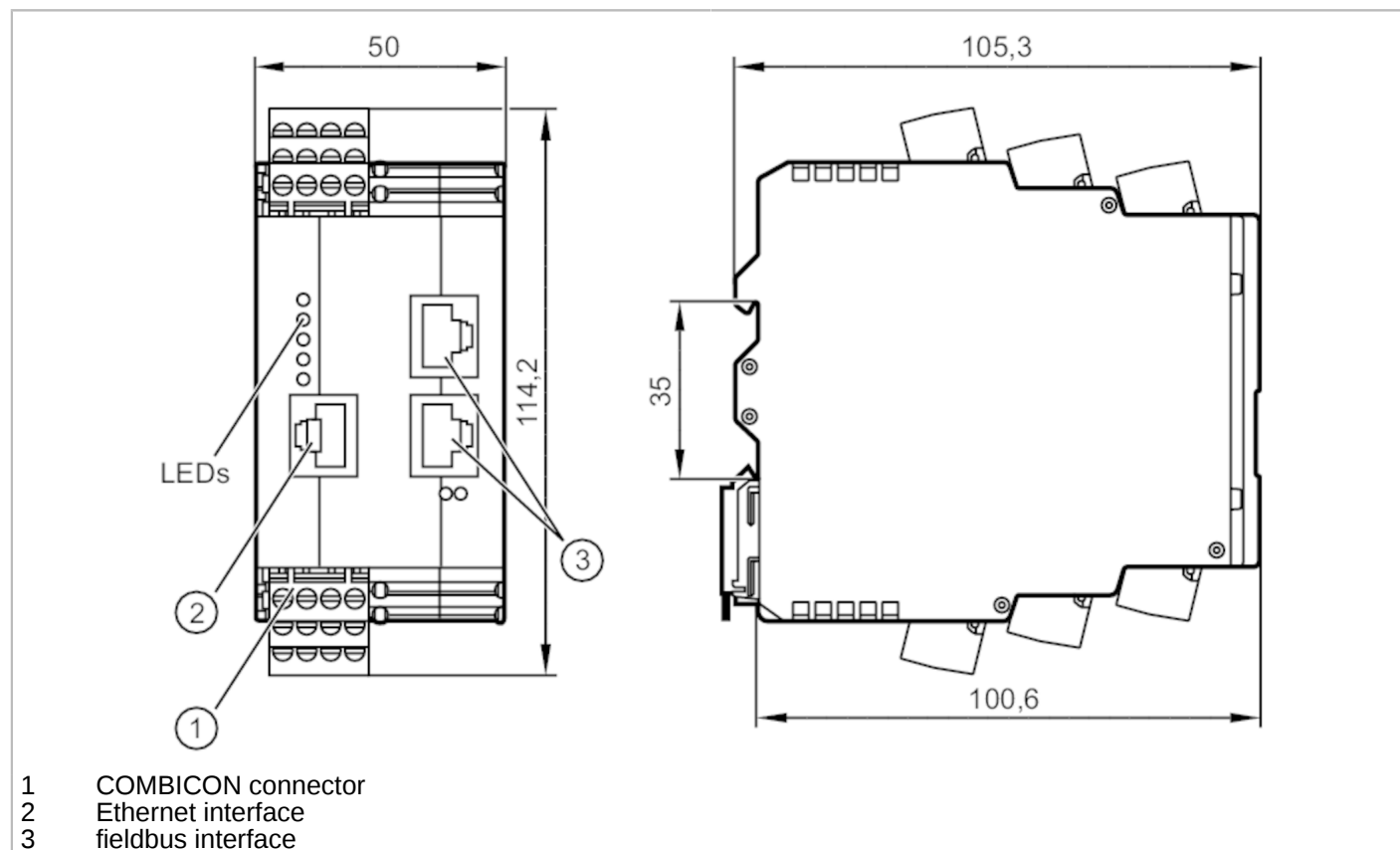




Application

Design parameter setting via PC software VES004

Electrical data

Operating voltage tolerance [%]	20
Operating voltage [V]	24 DC
Current consumption [mA]	200; ((24 V DC))
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

Total number of inputs	6
Number of analogue inputs	2; (static)
Analogue input (current) [mA]	0...20
Resolution of analogue input	12
Dynamic input - signal	0...10 mA IEPE / 0...20 mA
Dynamic input - resolution [bit]	16
Dynamic input - frequency range [Hz]	0...12000
Dynamic input - sampling rate	100



Diagnostic electronics for vibration sensors

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[kSamples]		
Outputs		
Total number of outputs		2
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
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		PROFINET IO
Operating conditions		
Ambient temperature	[°C]	0...60
Storage temperature	[°C]	0...60
Protection		IP 20
Tests / approvals		
EMC	EN 61000-4-2 ESD	4 kV contact discharge / 15 kV air discharge
	EN 61000-4-3	10 V/m (80...2700 MHz)
	EN 61000-4-4 Burst	4 kV capacitive coupling probe, earthed
	EN 61000-4-6	10 V 0,15...80 MHz
	EN 61000-6-4	industrial environments
	EN 50178	
MTTF	[years]	91
Mechanical data		
Weight	[g]	296.5
Housing		plastic housing
Type of mounting		rail
Dimensions	[mm]	114.2 x 50 x 105.3
Materials		PA
Data memories		
With real-time clock		yes
Accessories		
Accessories (optional)	cross-over Ethernet patch cable for the direct connection to the PC	



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Remarks	
Pack quantity	1 pcs.
Electrical connection	
COMBICON:	
Connection	

