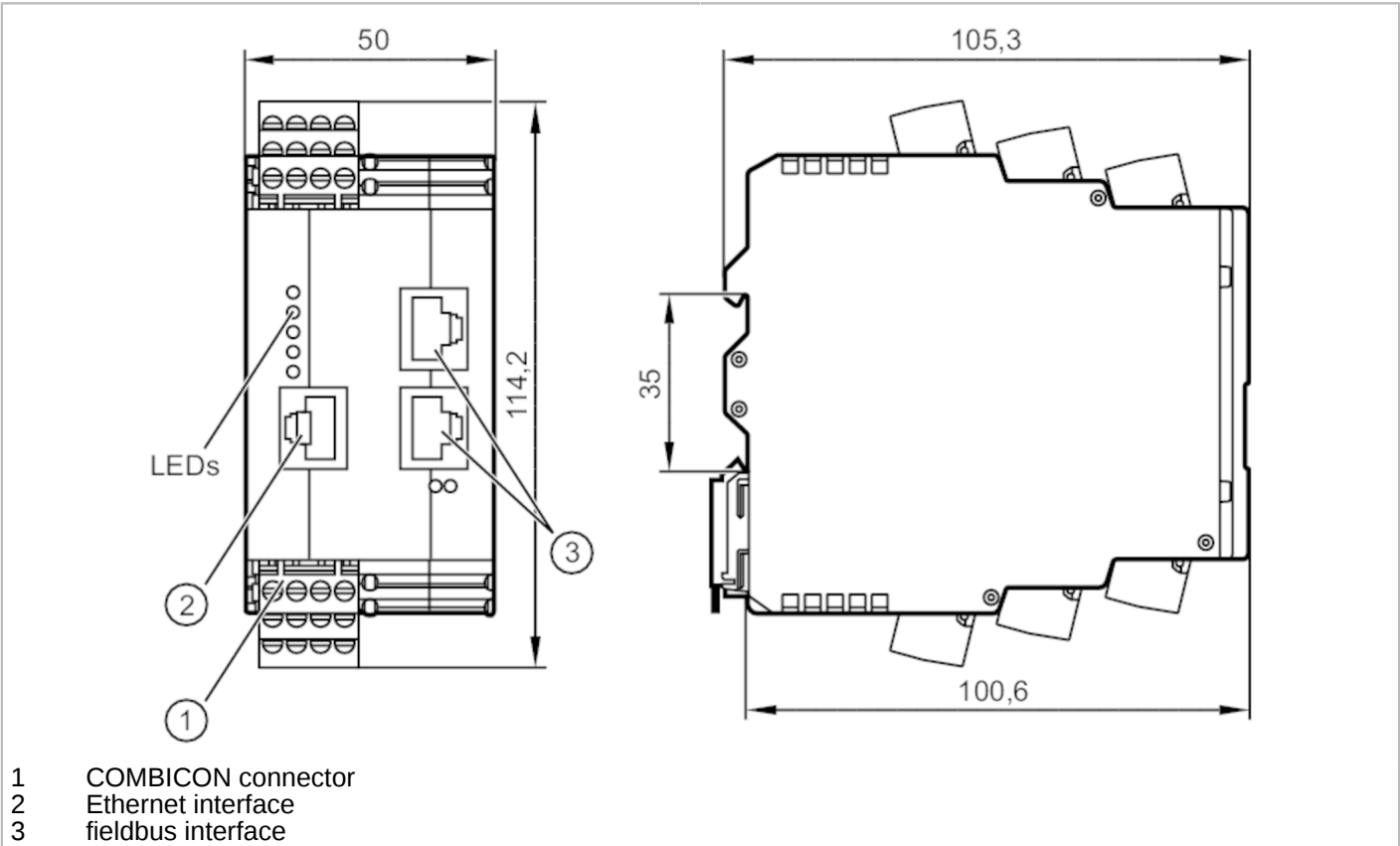




Application		
Design	parameter setting via PC software VES004	
Electrical data		
Operating voltage tolerance	[%]	20
Operating voltage	[V]	24 DC
Current consumption	[mA]	200; ((24 V DC))
Protection class		III
Inputs / outputs		
Total number of inputs and outputs	8; (configurable)	
Number of inputs and 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

DIAGNOSTIC ELECTRONICS

[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		Modbus TCP
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	
Mechanical data		
Weight	[g]	299.4
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
Remarks		
Pack quantity		1 pcs.

Electrical connection

COMBICON:

Connection

