

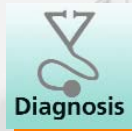


# Extended diagnostic electronics for machine and operating conditions.



Now with freely configurable operating hours and event counters.

- Frequency-selective vibration monitoring of up to 4 measuring points.
- 2 analogue inputs for additional sensors.
- Ethernet interface for integration into operational data logging systems.
- Load meter (impact, vibration, temperature).
- Pulse rate meter (impacts) and pulse totaliser.



## Freely adjustable counter function

In addition to the existing functions such as diagnosis, monitoring and trend memory, up to 12 counters can now be additionally configured and monitored via an alarm threshold.

Operating hours, load hours (e.g. due to the exceeding of a vibration value or temperature limit value) as well as pulses per time and in total are counted.

The actual operating times and load values are automatically determined and forwarded to a higher-level system. Performance-based measures can then be introduced in SAP via the RTM software, for example.

Further new functions are password protection with varying access levels, broadcast search (to localise further VSE units in the network), DHCP option and the extension of the history function by the counter values.



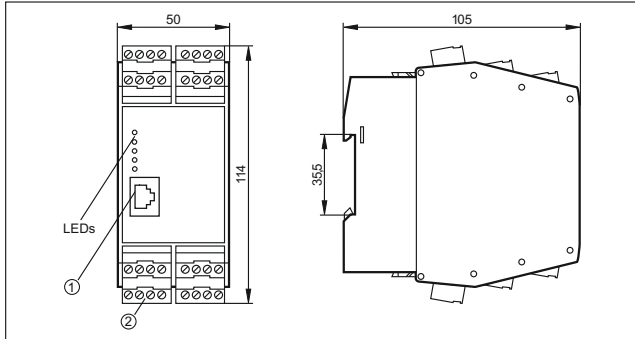
fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

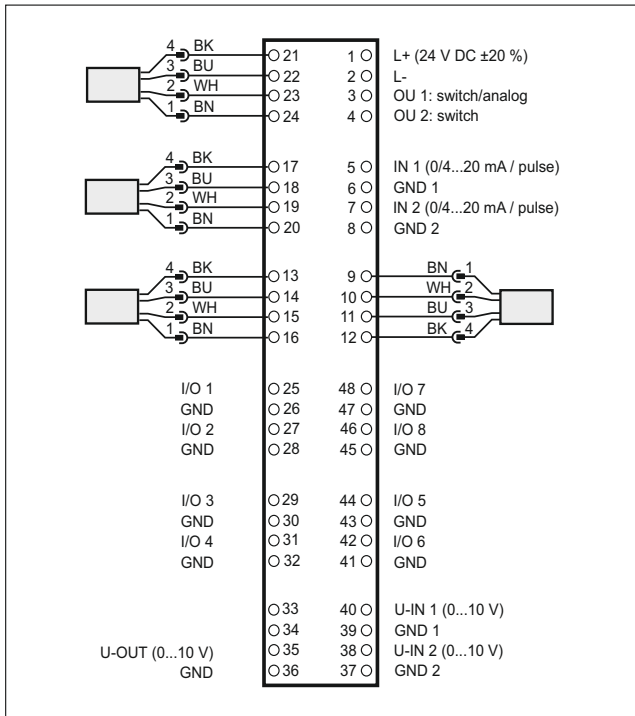
**Diagnostic electronics for efector octavis vibration sensors type VSA**

**Dimensions**



- 1) Ethernet interface
- 2) Combicon connector with screw terminals (option)





**Wiring diagram**



**Technical data**

Diagnostic electronics VSE100		
Voltage supply	[V]	24 DC ±20 %
Ambient temperature	[°C]	0...70
Protection		IP 20, III
Housing		DIN rail 2 inch
Inputs/outputs		4 sensor inputs 0...10 mA 2 analogue inputs (0/4...20 mA or 0...10 V or pulse 24 V) 1 x digital alarm output (PNP 100 mA) 1x either digital (PNP 100 mA) or analogue (0/4...20 mA / 0...10 V) alarm output 8 x digital inputs/outputs (freely configurable) (PNP 100 mA)
Data interface		Ethernet TCP/IP, (10 / 100 Mbits)

**Accessories (to be ordered separately)**

Type	Description	Order no.
	Parameter setting software version 2.4 and higher	<b>VES003</b>
	Cross-over patch cable 2 m	<b>EC2080</b>
	Cross-over patch cable 5 m	<b>E30112</b>
	octavis OPC server	<b>E30114</b>