

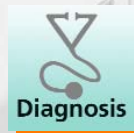


Real-time maintenance* with *efector octavis*.



Diagnostic electronics for vibration sensors with extended I/O range.

- Frequency-selective machine monitoring of up to 4 measuring points.
- Ethernet interface for integration into operational data logging systems.
- 2 analogue inputs for DC signals.
- Only 1 analogue and 1 switching output for collective alarm.
- 8 configurable I/Os: for alarm outputs or inputs of switching signals.



Diagnostic electronics VSE100

VSE100 diagnostic electronics can be used for the continuous and simultaneous analysis and evaluation of the measured signals of up to 4 vibration sensors with the *octavis* technology. In addition to standard alarm and analogue outputs (see article no. VSE001), VSE100 can signal the states of diagnosis objects using up to 8 further, freely configurable I/Os.

If used as inputs, the I/Os can also electronically trigger diagnosis (e.g. in a reference run of a machine tool spindle), collect switching states of other sensors and transmit them to operational data logging via the OPC standard.

The integrated FIFO history memory can store 33,000 values with time stamp.



* Real-time maintenance = maintenance at the right time, at the right place, with the right material and personnel.

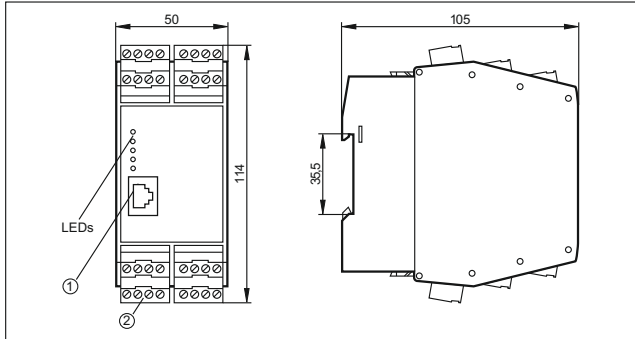
fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

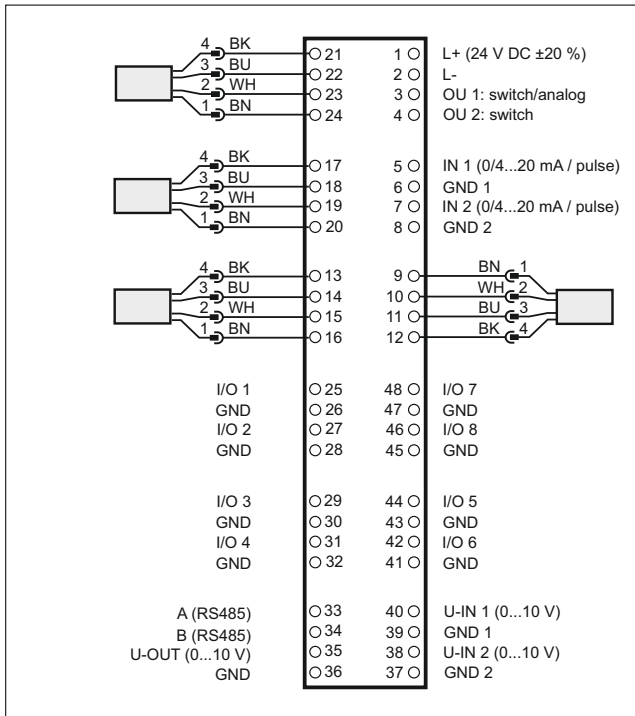
Diagnostic electronics for efector octavis vibration sensors type VSA

Dimensions



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

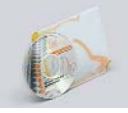



Wiring



Technical data

Diagnostic electronics VSE100		
Voltage supply	[V]	24 DC ±20 %
Operating temperature	[°C]	0...70
Protection		IP 20, III
Housing		DIN rail 2 inch
Inputs		4 sensor inputs 0...10 mA 2 rotational speed inputs (0/4...20 mA or 0...10 V or pulse 24 V) 8 x digital inputs/outputs (freely configurable) (PNP 100 mA)
Outputs		2 x digital alarm outputs (PNP 100 mA) or: 1 x digital alarm output + 1 x analogue output (0/4...20 mA / 0...10 V) 8 x digital inputs/outputs (freely configurable) (PNP 100 mA)
Data interface		Ethernet TCP/IP, (10 / 100 Mbps); RS-485 interface, half-duplex

Accessories (to be ordered separately)

Type	Description	Order no.
	Parameter setting software	VES003
	Patch cable, 2 m, RJ45, cross-link	EC2080
	Patch cable, 5 m, RJ45, cross-link	E30112
	octavis OPC server	E30114