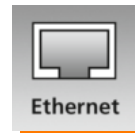
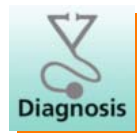


Flexible data logger for vibration and process values



Extended functionality – 6 configurable inputs

- Either IEPE, vibration sensor type VSA, or 4...20 mA can be configured on all 4 dynamic channels
- 2 analogue inputs for sensors (4...20 mA/pulse)
- Collection and monitoring of different analogue process data
- Large on-board memory



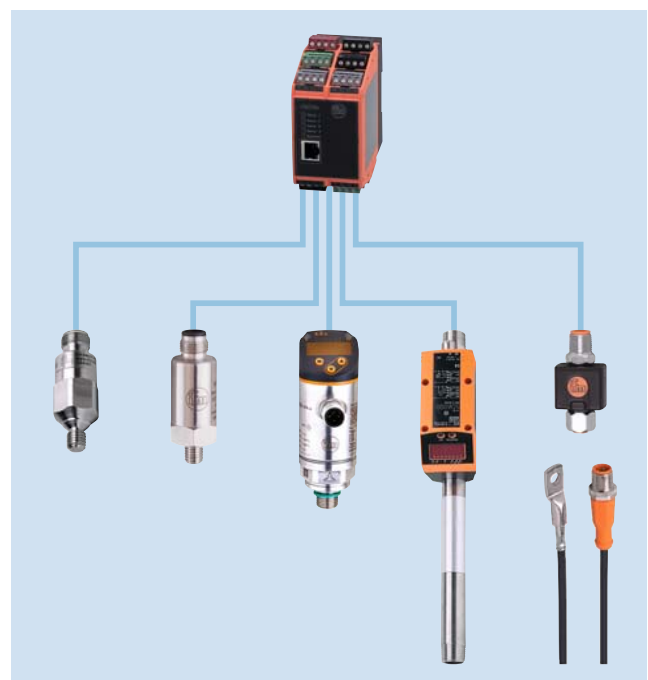
Diagnostic electronics with high performance

The flexible configuration of the 4 dynamic inputs now makes it possible to connect and continually monitor different types of sensors. This is valid for VSE units with firmware version 11 or higher. The sensors can be vibration sensors type VSA, IEPE or process sensors with a 4...20 mA output. Two further analogue inputs can be used to connect additional process sensors such as for speed or temperature.

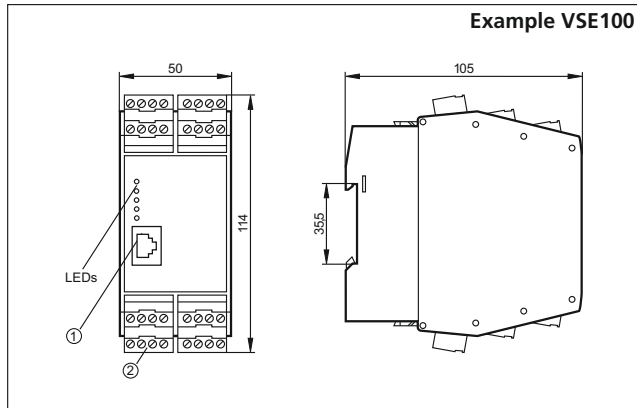
This functionality provides different possibilities for machine and process monitoring. The on-board FIFO-memory with up to 600,000 values provides a simple method for data comparison and can be used for trending.

Simple networking

The units can easily be connected to the company network using the Ethernet interface and the OPC server software type VOS. Vibration and process data can thus be integrated into higher systems such as SCADA or MES.

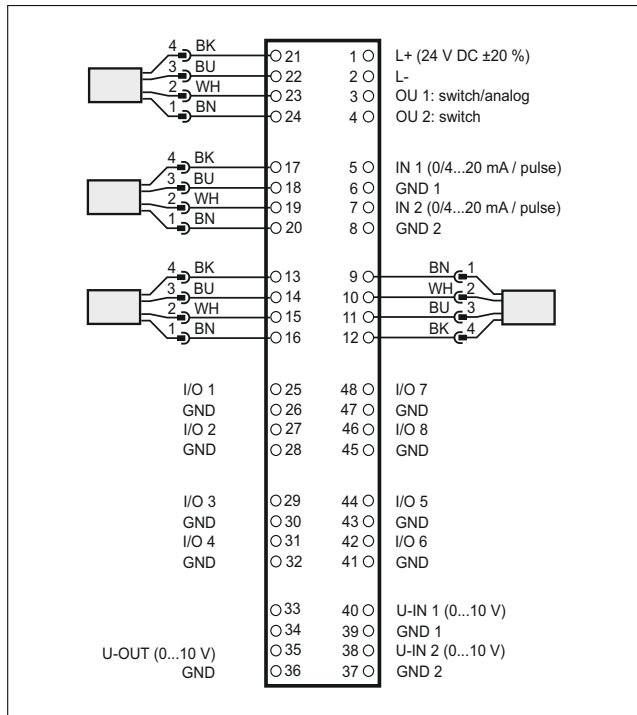


Dimensions



- 1) Ethernet interface
- 2) Combicon connector with screw connectors (optional)


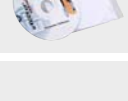


Wiring diagram



Technical data

Diagnostic electronics VSE002, VSE100	
Operating voltage [V]	24 DC ± 20 % IEPE input 24 DC + 20 %
Ambient temperature [°C]	0...70
Protection	IP 20, III
Housing	VSE002 DIN rail 1" VSE100 DIN rail 2"
Inputs / Outputs VSE002	4 dynamic inputs, sensor type VSA/IEPE/4...20mA in any combination 2 analogue inputs (0/4...20 mA or pulse 24 V) 1x digital alarm output (PNP 100 mA) 1x selectable digital (PNP 100 mA) or analogue (0/4...20 mA / 0...10 V) alarm output
Inputs / Outputs VSE100	4 dynamic inputs, sensor type VSA/IEPE/4...20mA in any combination 2 analogue inputs (0/4...20 mA or 0...10 V or pulse 24 V) 1x digital alarm output (PNP 100 mA) 1 x selectable digital (PNP 100 mA) or analogue (0/4...20 mA / 0...10 V) alarm output 8 x digital outputs / inputs (freely configurable) (PNP 100 mA)
History function	integrated
Data interface	Ethernet TCP/IP, (10 / 100 Mbits)

Accessories

Type	Description	Order no.
	Parameter software	VES004
	octavis OPC server software German / English	VOS001
	Connection cable Ethernet cross-over patch cable 2 m, PVC cable, RJ45 plug / RJ45 plug	EC2080
	Connection cable Ethernet cross-over patch cable 5 m, PVC cable, RJ45 plug / RJ45 plug	E30112