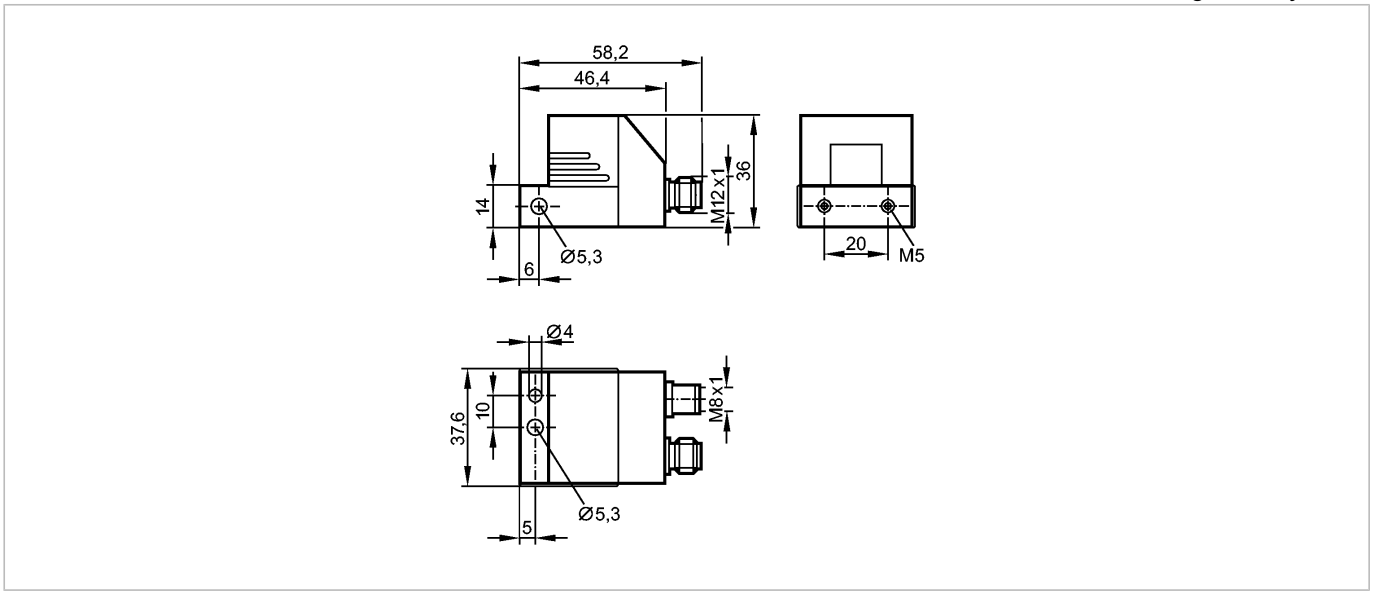
no longer available - archive entryreplaced by: VNB001
This is NOT a direct replacement. Please note programming differences.

efector600

VE1103

VIBRATION DIAGNOSTIC UNIT

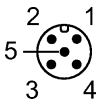
Diagnostic systems



Product characteristics

Vibration diagnostic unit		
VE		
Connection via M12 x 1 and M8 x 1 connectors		
Spectral analysis		
Trend analysis		
Application		
Application		Vibration monitoring of up to 5 diagnosis values and 2 g-monitors
Electrical data		
Operating voltage	[V]	10...32 DC
Current consumption	[mA]	100 (24 V) plus optional external pulse pick-up
Measuring / setting range		
Measuring principle		capacitive
Measuring range	[g]	± 25 **)
Speed range	[1/min]	1500...96000
Frequency range	[Hz]	24...12500
Minimum measuring time	[s]	0.064
Accuracy / deviations		
Spectral resolution	[Hz]	15.625
Software / programming		
History memory		2580 data sets as ring buffer
Environment		
Ambient temperature	[°C]	-30...75
Protection		IP 69K
Tests / approvals		
EMC		IEC 1000-4-2/3/4/6
MTTF	[Years]	289
Mechanical data		
Type of sensor		micromechanical accelerometer
Number of measurement axes		1
Mechanical overload resistance	[g]	100
Housing materials		housing: diecast zinc nickel-plated

VE1103 - Vibration diagnostic unit - eclass: 27201406 / 27-20-14-06

Weight	[kg]	0.22
Electrical connection		
Connection		M12 connector; M8 connector
Wiring		
M8 connector (RS-232 communication)  		Pin 1: - Pin 2: TXD Pin 3: GND Pin 4: RXD
 		M12: Pin 1: supply + Pin 2: Switching output 2 normally open / closed programmable Pin 3: supply - Pin 4: Switching output 1 normally open / closed programmable Pin 5: rotational speed signal input
Remarks		
Remarks		**) nominal ± 20 Pin 2 (switching output 2) and pin 4 (switching output 1) can only be programmed in pairs
Pack quantity	[piece]	1

no longer available - archive entryreplaced by: VNB001

This is NOT a direct replacement. Please note programming differences.