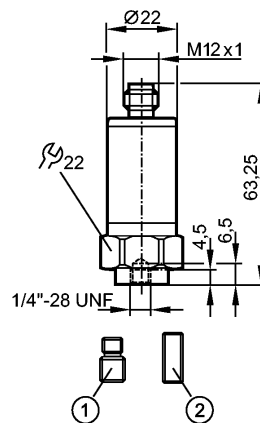


VTV122

VIBRATION TRANSMITTER

Diagnostic systems



1: Threaded adapter 1/4"-28 UNF / M8 x 1.25 mm
 2: Threaded adapter 1/4"-28 UNF
 tightening torque 8 Nm

Made in Germany



Product characteristics

Vibration transmitter
Connection via M12 connector
Vibration transmitter to ISO 10816
Measuring range RMS: 0...25 mm/s
Analogue output 4...20 mA

Application

Application	Vibration transmitter Vrms to ISO 10816
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Electrical data

Operating voltage [V]	9.6...32 DC
Protection class	III

Outputs

analogue	
current output [mA]	4...20
Max. load [Ω]	max. (U _b - 9.6 V) x 50; 720 at U _b = 24 V

Measuring / setting range

Measuring range	4 mA = 0 mm/s...20 mA = 25 mm/s
Frequency range [Hz]	10...1000

Accuracy / deviations

Accuracy [% of the final value]	< ± 3
Repeatability	< 0.5 %
Non-linearity [in % of the span]	< ± 0.25

Environment

Ambient temperature [°C]	-30...125, for UL applications: max. 80 °C
Protection	IP 69K

Tests / approvals

EMC	EN 61000-4-2 ESD:	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated:	10 V/m
	EN 61000-4-4 Burst:	2 kV
	EN 61000-4-6 HF conducted:	10 V
MTTF [Years]		881

Mechanical data

VTV122

VIBRATION TRANSMITTER

Diagnostic systems

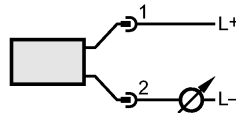
Shock resistance	400 g
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.122

Electrical connection

Connection	M12 connector
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Wiring

- 1: L+
- 2: 4...20 mA



Remarks

Pack quantity [piece]	1
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