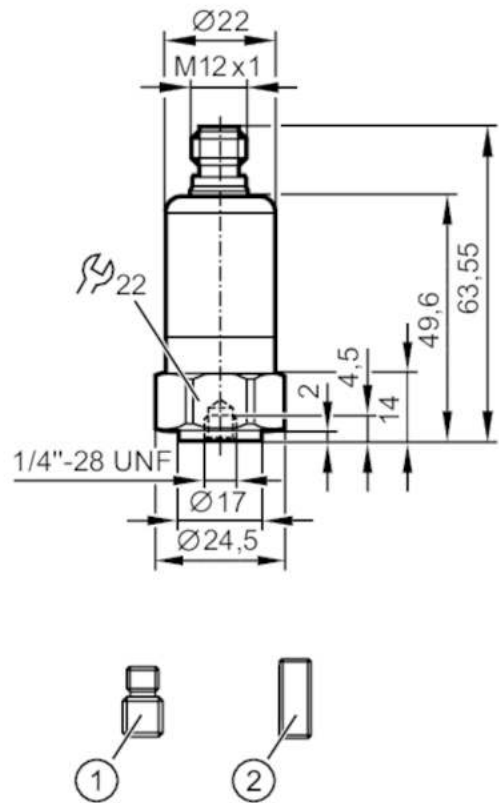




Vibration transmitter

VIBRATION TRANSMITTER



- 1 set screw 1/4"-28 UNF / M8 x 1.25 mm
2 set screw 1/4"-28 UNF
Tightening torque 8 Nm



Product characteristics		
Measuring range of vibration [mm/s]		0...25; (RMS)
Frequency range [Hz]		10...1000
Application		
Application		vibration transmitter to ISO 10816
Electrical data		
Operating voltage [V]		9.6...32 DC
Protection class		III
Sensor type		microelectromechanical system (MEMS)
Inputs / outputs		
Total number of inputs and outputs		1
Outputs		
Analogue current output [mA]		4...20
Max. load [Ω]		< (U _b - 9,6 V) x 50; U _b = 24 V: 720
Measuring/setting range		
Measuring range of vibration [mm/s]		0...25; (RMS)
Frequency range [Hz]		10...1000



Vibration transmitter

VIBRATION TRANSMITTER

Number of measurement axes	1	
Accuracy / deviations		
Measuring error [% of the final value]	< ± 3	
Repeatability	< 0,5; (% of the final value)	
Linearity deviation	0,25 %	
Operating conditions		
Ambient temperature [°C]	-30...125	
Note on ambient temperature	UL application: < 80 °C	
Storage temperature [°C]	-30...125	
Protection	IP 67; IP 68; IP 69K	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
Shock resistance	DIN EN 60068-2-27	50 g 11 ms
		500 g 1 ms
Vibrati		
MTTF		
Mecha		
Weight		
Type of		
Materia		
Tighten		
Acces		
Items s		
Remar		
Pack q		
Electri		
Connec		

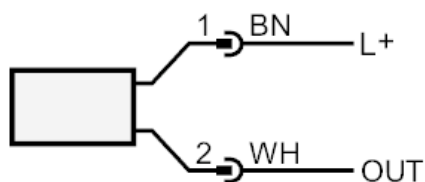
VTV122

Vibration transmitter

VIBRATION TRANSMITTER



Connection



1	L+
2	4...20 mA