



CEMB S.p.a.  
Costruzioni Elettro Meccaniche ing. Buzzi & C. S.p.a.  
Sede legale: Via Risorgimento, 9  
23826 MANDELLO DEL LARIO - (Lecco) ITALY



Cap. Società ? 1.500.000 i.v.  
Reg. Impr. Lecco 00221870132  
C.C.I.A.A. Lecco REA 75997  
Meccanografico LC 000078  
C.F. 00221870132 -P.IVA IT 00221870132

Telefono +39 – 0341.706.111  
Industry Div. Fax +39 – 0341.735.678  
Garage Div. Fax +39 – 0341.700.725  
Vibration Analysis Div. Fax +39 – 0341.706.299  
[www.cemb.com](http://www.cemb.com)  
e-mail: [stm@cemb.com](mailto:stm@cemb.com)



**CEMB**  
BALANCING MACHINES

**HOFMANN**

## Transducer VELOMITOR model TV22



### **FUNCTION**

The model TV22 seismic transducer measure the absolute vibration of the machine by the securely mounted to a flat surface.

### **TECNICAL SPECIFICATIONS**

Sensor type	: PZT piezoelectrical velocimeter	
Measure type	: seismic (absolute vibrations)	
Dynamic range	: ±1270 mm/s-pk	± 50 in/sec-pk
Frequency response	: ± 3 db 1,5÷12000 Hz	90÷720.000 CPM
Vibrations direction	: any	
Sensitivity (± 10%)	: 3,94 mV/mm/s	100 mV/in/sec
Resonant frequency	: 25000 Hz	1.500.000 CPM
Max. shock protection	: 5000 g pk	
Setting time	: > 4 "	> 4 sec
Power supply	: 2÷10 mA - 18÷30 Vdc	
Max. output impedance	: < 100 ohm	
Electrical case isolation	: >10 (8) Ohm	
Electromagnetic sensitivity	: certified CE	
Temperature range	: -50 °C ÷ +121 °C	-58 °F ÷ +250 °F
Case material	: 316L stainless steel	
Mounting hole	: standard = 1/4"-28UNF-2B (or to be specify with the order)	
Weigth	: 90 grm	3.2 oz
External protection	: IP65 EN60529/10.91 standards	
Connection	: 2 pin MIL-C-5015 serial 3106/10, included connector	

### **MOUNTING**

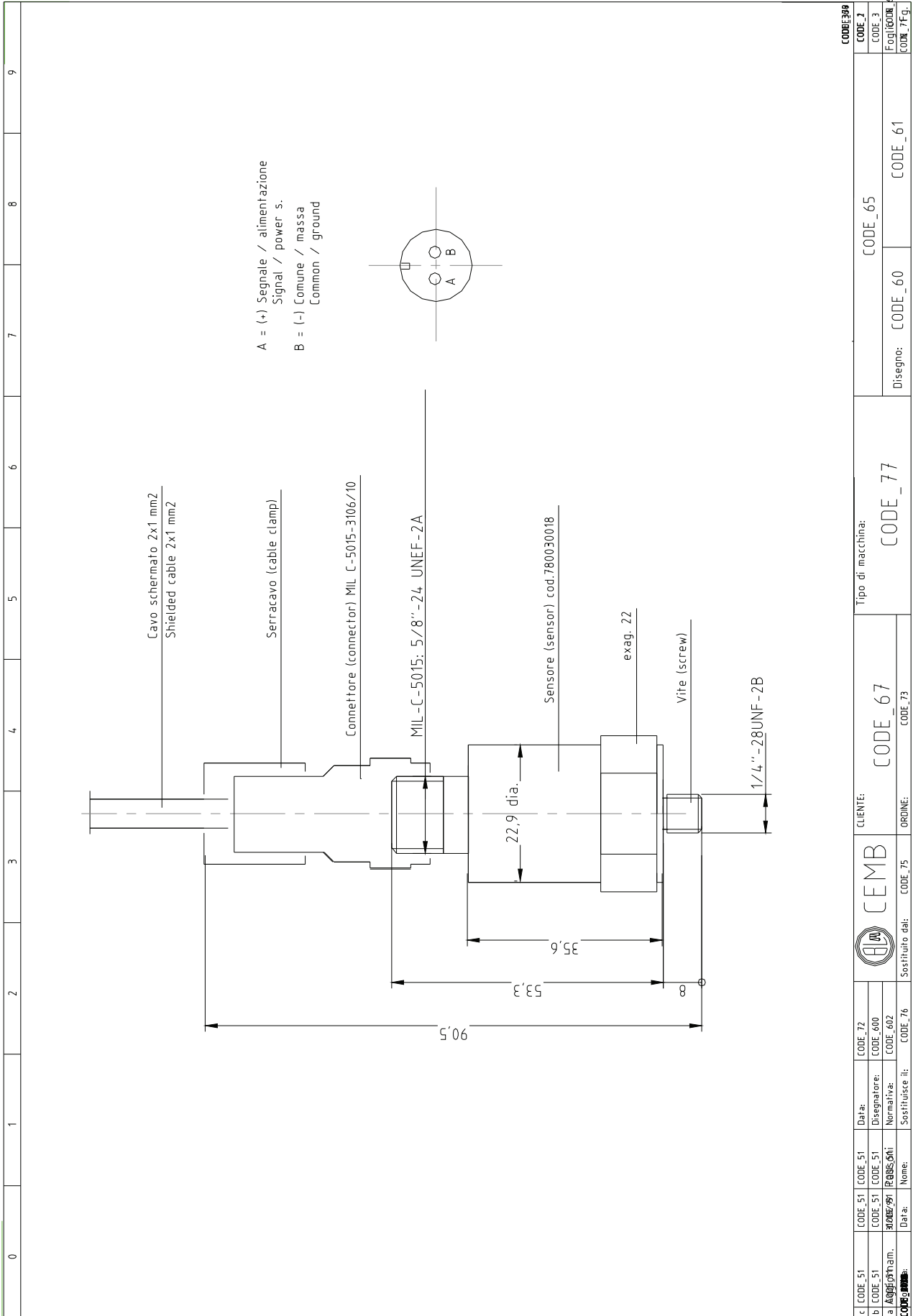
Prepare a smooth, flat mounting surface and then drill and tap a mounting hole in the center of this area.  
Wipe clean the mounting surface and spread on a light film of grease, oil or similar coupling fluid prior to installation.

### **MAINTENANCE**

Nothing

### **DIMENSION, MOUNTING, CONNECTION**

Dis. 73920-P



UTS060706

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b		CODE_51	CODE_51	CODE_51	CODE_51	CODE_600	CEMB	CODE_67		CODE_77	CODE_61	CODE_73
a		Allegato 991	Allegato 991	Allegato 991	Allegato 991	CODE_602	ALM	ORDINE:		Disegno:	CODE_60	CODE_74
Allegato 991		Allegato 991	Allegato 991	Allegato 991	Allegato 991	Allegato 991	Allegato 991	Sostituito da:		Disegno:		Allegato 991
Allegato 991		Allegato 991	Allegato 991	Allegato 991	Allegato 991	Allegato 991	Allegato 991	Sostituisce il:		Disegno:		Allegato 991