INTEGRATED EQUIPMENT

Monitoring and protection System



The TD-2 dual-channel monitoring system is designed for control, continuous monitoring and protection of any rotating machines. TD-2 can read any type of vibration sensors, Piezo IEPE or ICP, Electrodynamic Velocimeters or Proximitors. It manages all the CEMB sensors and can be configured for each range of sensor of any manufacturer.

- TD-2 interfaces with a supervision system either through 4-20 mA outputs or with connectivity MODBUS TCP-IP
- TD-2 is designed to be connected to an ETHERNET network with others TD-2 or by the TDSP multi-channel system and export the data for remote vibration analysis and machine status

Functions

- VIBRATION + KEY PHASOR
- AXIAL DISPLACEMENT
- ROTATION SPEED: Zero Speed Overspeed Reverse rotation
- ECCENTRICITY
- BALANCING 1,2 PLANES

Technical Specification

- Power supply: 24 Vdc / 400 mA max
- Installation: DIN rail or or IP65 die-cast aluminum case
- Dimension: 247x58.5x105.3 mm

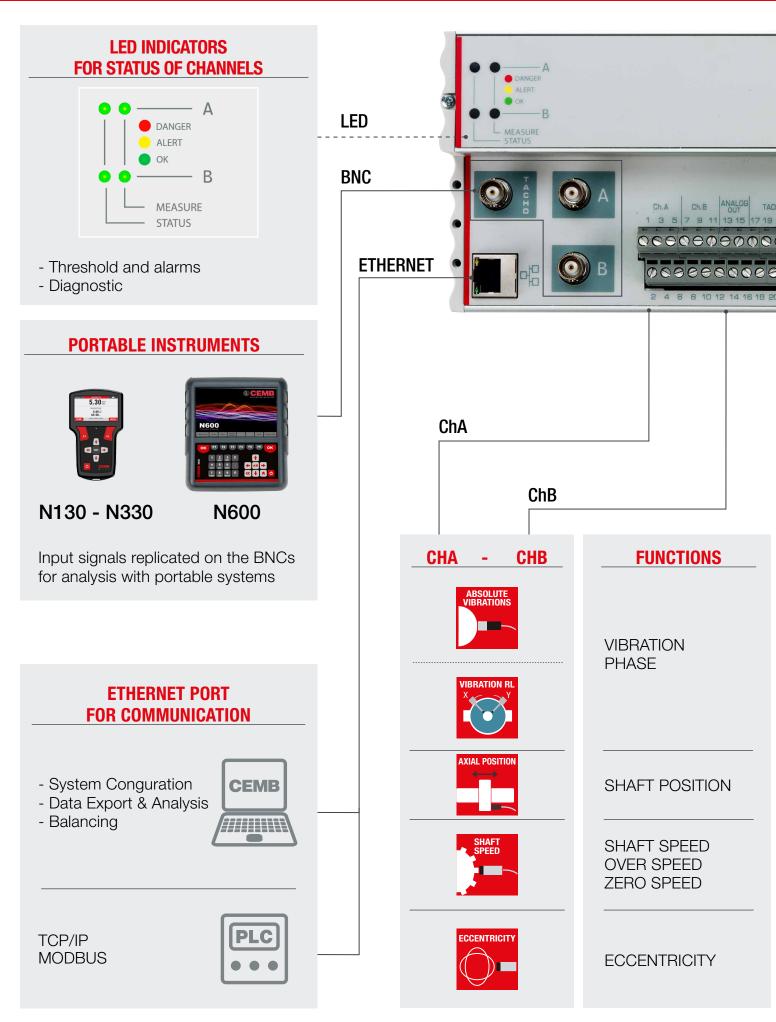
- Weight: 800 g
- Ambient conditions:
 -20°C ÷ +70°C
- Humidity: 95% non-condensing

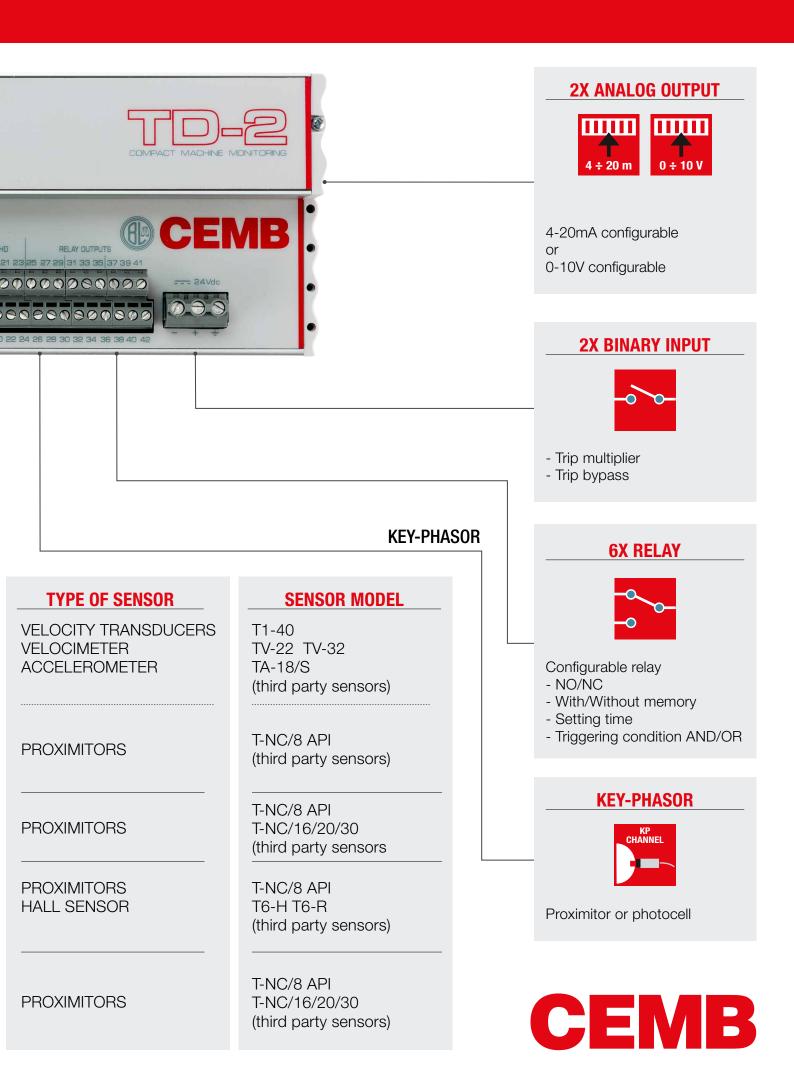
NEW





INTEGRATED EQUIPMENT





TECHNICAL DATA

ORDER INFORMATION:

A B C TD-2 / _ _ / _ _ / _ _ _

A: FUNCTIONS

A1	Vibration + Phase (with Key Phasor)
A2	Displacements and Expansion
A4	Eccentricity
A5	Zero speed / Reverse Rotation / Overspeed

B: SENSOR TYPE

B1	Electrodynamic velocimeter	just for A1
B2	IEPE accelerometro o velomitor	just for A1
B3	Proximity	all
B4	Electromagnetic sensor	just for A5
B5	Hall effect sensor	just for A5
B7	General 0-10V	just for A2
B8	Digital sensor NPN	just for A5
B9	Digital sensor PNP	just for A5

C: OUTPUT TYPE

C1	4-20 mA
C2	0-10 V

APPLICATION SAMPLE: vibration and phase (TD-2/A1)

OPTIONAL:

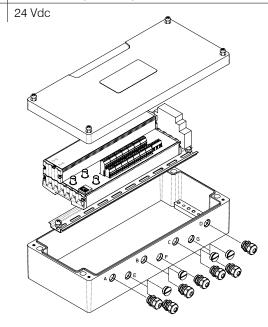
Junction Box IP65 die-cast aluminum painted. Dimensions 360x160x95 mm.

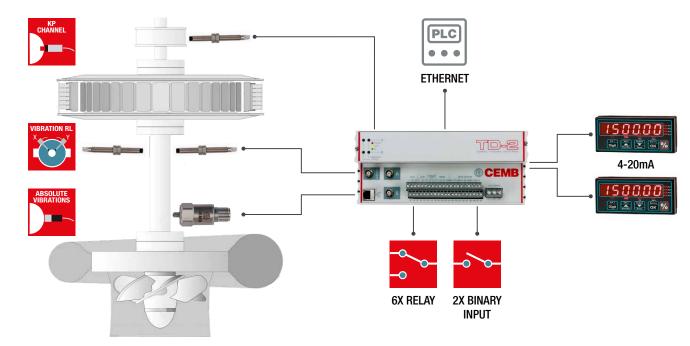
A TD-E / 🗌

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A: POWER SUPPLY

0 110/220 Vac (50-60 Hz)







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