

PRODUCT
DASHBOARD

TK-3E 177313-02-01

Electric-Driven TK-3e Proximity System Test Kit

Bently Nevada TK-3E 177313-02-01 is the metric, electric-driven TK-3e proximity-system test kit configured with an American power cord. It simulates shaft vibration and position for checking proximity transducer systems and monitor calibration.

BRAND

Bently Nevada

ORIGIN

USA

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Technical data dashboard

Electric-Driven TK-3e Proximity System Test Kit

DRIVE TYPE Electric	SCALE UNITS Metric	POWER CORD American
POWER 95-125 Vac or 190-250 Vac, 50/60 Hz	VIBRATION AMPLITUDE RANGE 50-254 um peak-to-peak	MAXIMUM WOBLATOR SPEED 0-5000 cpm +/-1000 cpm
MICROMETER RANGE 0-25.4 mm	PROBE DIAMETER RANGE 5-19 mm	TARGET MATERIAL AISI 4140 alloy steel
OPERATING TEMPERATURE 0-50 deg C	CLOSED-CASE EXPOSURE IP54 design	

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Proximity probe calibration checks

Moves a target in measured increments while the probe output is recorded.

Vibration monitor verification

Applies a known wobble-plate displacement so the displayed vibration value can be compared.

Position channel checkout

Supplies settings and position verification before a channel is returned to machinery service.

FAQ SNAPSHOT

What do the supplied ordering segments specify for TK-3E 177313-02-01?

1

Maintenance-shop transducer testing

Provides a controlled bench method for assessing a probe, extension cable and Proximitor sensor loop.

What is the main purpose of TK-3E 177313-02-01?

2

What probe sizes can be held by TK-3E 177313-02-01?

3

Is an oscilloscope required to use TK-3E 177313-02-01?

4

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

- 01

3500/15 133292-01 power supply
- 02

3500/05 system rack
- 03

3500/72M 176449-08 rod position monitor
- 04

3500/65 145988-02 temperature monitor
- 05

330500-00-02 Velomitor sensor
- 06

16925-30 seismic interconnect cable
- 07

330130-080-02-05 extension cable
- 08

330104-00-08-10-02-05 proximity probe

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Verify TK-3E 177313-02-01, metric scale, American cord, supply voltage, guards, probe diameter and mounting, target material, micrometer zero, wobble amplitude and the documented comparison between probe output and monitor reading.

OFFICIAL MANUFACTURER SOURCE

TK3 Proximity System Test Kit Datasheet

178087 Rev. G

ENGINEERING RELEASE NOTE

Set TK-3E 177313-02-01 on a stable work surface, secure the probe mount and keep personnel clear of the motor-driven wobble plate. Use the metric micrometer and a voltmeter to establish known mechanical displacement before comparing monitor readings.

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