24765 CASE EXPANSION SYSTEMS

Product Data Sheet

24765-02-01

case expansion transducer

FUNCTION	FAMILY	ORIGIN	WEIGHT
case expansion transducer	**24765 case expansion systems**	**United States**	**1.85 kg**

24765 and 135613 Case Expansion 24765-02-01 is a case expansion transducer for the 24765 case expansion systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Linear range	Plus or minus 25.4 mm
Scale factor	0.404 V/mm
Spring option	01: spring return
Input supply	24 Vdc, 30 mA minimum
Minus 3 dB response	15 Hz
Output impedance	7 kilohms nominal
Minimum load resistance	100 kilohms
Output linearity	Plus or minus 0.5% full range
Output ripple	Less than 1% full scale
Operating temperature	-18 to +71 degrees C

02 ADDITIONAL PRODUCT DATA

Storage temperature	-54 to +93 degrees C
LVDT body construction	Series 400 magnetic stainless steel

03 OFFICIAL APPLICATIONS

- Steam turbine casing expansion: Thermal Growth Systems
- Compressor casing movement monitoring: Case Position Systems
- Large drive casing movement: Machine Position Systems

04 SYSTEM COMPATIBILITY

Match 24765-02-01 to the installed 24765 case expansion systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Bently Nevada official manufacturer documentation

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**