

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

330180-X1-05 MOD: 145004-132

modified Proximitor sensor

FUNCTION modified Proximitor sensor	FAMILY 3300 XL 8 mm proximity	ORIGIN United States	WEIGHT
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3300 XL 8mm Proximity Transducer 330180-X1-05 MOD: 145004-132 is a modified Proximitor sensor for the 3300 XL 8 mm proximity transducer systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Sensor Function	Eddy-current signal conditioning
System Family	3300 XL 8 mm
Modification Reference	145004-132
Agency Approval Code	05
Supply Voltage	-17.5 to -26 V DC
Current Consumption	12 mA maximum
Linear Range	0.25 to 2.30 mm
Scale Factor	7.87 V/mm nominal
Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel

ADDITIONAL PRODUCT DATA

Terminal Type	SpringLoc
Mounting Styles	Panel or DIN rail

OFFICIAL APPLICATIONS

- Process compressors and reactor circulation pumps: Refrigeration compressor vibration measurement; Circulation pump bearing condition tracking
- Grinding mills and induced-draft fan trains: Mill pinion shaft vibration sensing; Furnace fan bearing condition measurement
- Dryer rolls and stock preparation drives: Dryer roll bearing vibration measurement; Refiner drive shaft position tracking

SYSTEM COMPATIBILITY

Match 330180-X1-05 MOD: 145004-132 to the installed 3300 XL 8 mm proximity transducer systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada official manufacturer documentation](#)

<https://dam.bakerhughes.com/m/23d2a1de24360b13/original/3300-XL-8mm-Proximity-Transducer-System-Datasheet-141194-pdf.pdf>

AMIKON PRODUCT SUPPORT

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