

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330881-16-10-100-03-02

PROXPAC XL metric proximity transducer assembly

PROBE	STANDOFF B	PENETRATION C	APPROVAL
8 mm	100 mm	100 mm	None

Bently Nevada 330881-16-10-100-03-02 is a metric PROXPAC XL assembly combining an 8 mm proximity probe with a Proximitor sensor inside a protective housing. This configuration provides a 100 mm standoff and 100 mm probe penetration for externally accessible installation. Its housing is UV-resistant, glass-reinforced PPS; the internal probe cable is 1 m long.

01

VERIFIED TECHNICAL DATA

Probe diameter	8 mm
Standoff adapter	100 mm
Probe penetration	100 mm
Conduit fitting kit	One M20 fitting and two plugs
Mounting thread	3/4-14 NPT
Approval option	Without approvals, option 16
Supply requirement	-17.5 to -26 Vdc without barriers; 12 mA maximum
Output resistance	50 ohms

Official basis: 178554 Rev. E, pp. 1-4 and 9. No unverified packing dimensions, shipping weight or hardware revision is stated.

02 OPERATING & INSTALLATION LIMITS

Linear measurement range	2 mm (80 mils)
Recommended gap	1.27 mm (50 mils)
Frequency response	0 to 10 kHz, +0/-3 dB
Field-wiring conductors	16 to 24 AWG; shielded three-conductor triax recommended
Enclosure protection	Type 4X and IP66
Probe temperature	-52 to +177 C; pressure seal may fail prematurely below -34 C
Housing and Proximitors temperature	-52 to +100 C operating

03 APPLICATION & INTEGRATION

- Radial rotor monitoring through a machine casing
- Axial position sensing in rotating machinery
- Enclosed proximity measurements in demanding plant environments

The 100 mm standoff and 100 mm penetration are separate mechanical dimensions, not a 200 mm electrical system length. The 1 m internal probe cable and PPS housing form an integrated assembly; option 16 has no approvals.

04 OFFICIAL DOCUMENTATION

PROXPAC XL Proximity Transducer Assembly - 178554 Rev. E

Official proximity sensors and PROXPAC XL overview

No verified packed size or shipping weight is given. The manufacturer's 1.44 kg example applies to a 0.3 m sleeve and must not be presented as this configuration's shipping weight.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM