YB (YEKAN Replacement BENTLY NEVADA) 7200 Series Proximity System

Datasheet

Rev. V1.1



Description

YB is the production series of proximity system equipment of Yekan company. YB cables, probes, and transducers are designed as direct, compatible replacements for Bently Nevada proximity systems.

YB probes, extension cables, and transducers support proximity system series:

- Bently Nevada 3000 & 7000 Series
- Bently Nevada 7200 Series
- Bently Nevada 3300 Series
  - 3300 5mm Series
- Bently Nevada 3300XL Series
  - 3300XL 8mm Series
  - 3300XL 11mm Series
  - 3300XL NSV Series

In this datasheet, we will specifically submit the replacement options for the Bently Nevada 7200 Series.

YB For 7200 series Proximity System

Ordering Information

7200 Standard Proximity Probe **YB/AAAAA-BB-CC-DD-02**

Model No. AAAAA	Tip Diameter	Threads	Unthreaded Length BB	Case Length CC	Probe Length DD	Armor
YB/21500	5mm	1/4''-28	Increments of 0.5 in. Maximum= case length minus 1 in.	10=1 in. (min) 30= 3 in. (standard) 95= 9.5 in. (max) Even increments only	05 = 0.5 m ± 0.05 m 10 = 1.0 m ± 0.1 m	NO
YB/21501						YES
YB/22812		M8*1	Increments of 10 mm. Maximum= case length minus 20 mm.	02= 20mm. (min) 07= 70mm. (standard) 25= 250mm. (max)		YES
YB/22813						NO
YB/21504	8mm	3/8''-24	Increments of 0.5 in. Maximum= case length minus 1 in.	10=1 in. (min) 30= 3 in. (standard) 95= 9.5in. (max) Even increments only		NO
YB/21505						YES
YB/22810		M10*1	Increments of 10 mm. Maximum= case length minus 20 mm.	02= 20mm. (min) 07= 70mm. (standard) 25= 250mm. (max)		YES
YB/22811						NO
*YB/21508		3/8''-24	02= 0.2 in.	12= 1.2 in.		NO

*Reverse Mount Proximity Probe **YB/AAAAA-02-12-DD-02**

7200 Extension Cable **YB/21747-AAA-BB**

Cable length AAA
040= 4.0 m
045= 4.5 m
080= 8.0 m
085= 8.5 m
Armor BB
00 = NO
01 = YES

YB 7200 Proximitor/Transducer

7200 Proximitor/Tranducer	System length	Probe Tip Diameter
YB/18745-03 (18745-01)	5 meter	5 or 8 mm
YB/18745-04 (18745-02)	9 meter	

Specifications

YB 7200 Proximitor/ Transducer

Scale Factor	200 mV/mil (7.87 V/mm)
Target Material	4140 steel (standard)
Frequency Response	0-10 KHz (0-600.000 cpm) -5% at 10KHz (600.000 cpm)
Power Requirements	-18 to -24 Vdc
Operating Temperature	-60 to +212 °F (-51 to +100 °C)
Connector Material	Gold plated brass hex connectors

YB 7200 Probe & Extension Cable

Operating Temperature	-30 to +350 °F (-34 to +177 °C)
Probe Tip Material	Polyether ether ketone (PEEK)

Figures

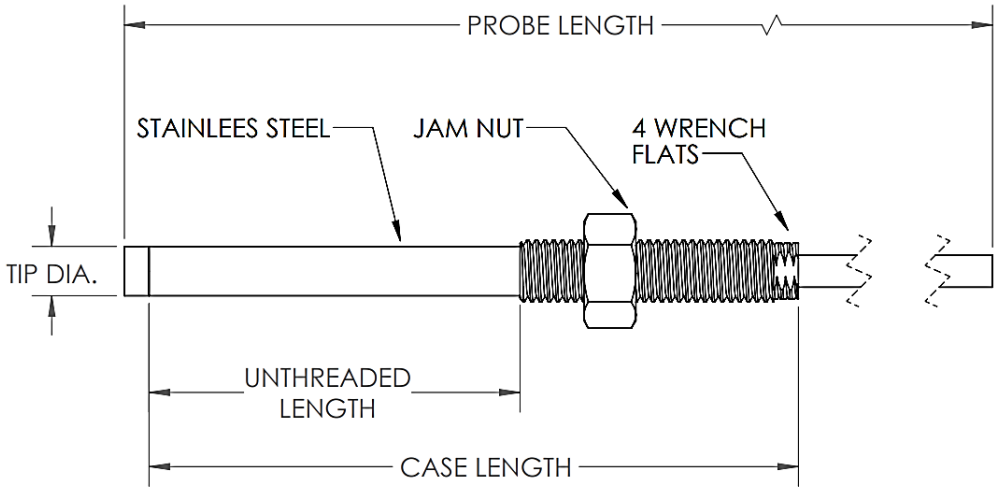


Figure 1. 7200 Standard Probe

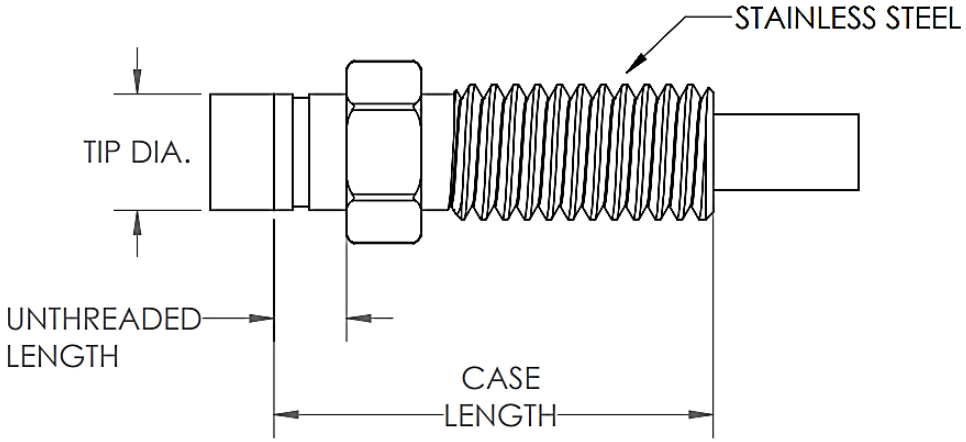


Figure 2. 7200 Reverse Mount Probe

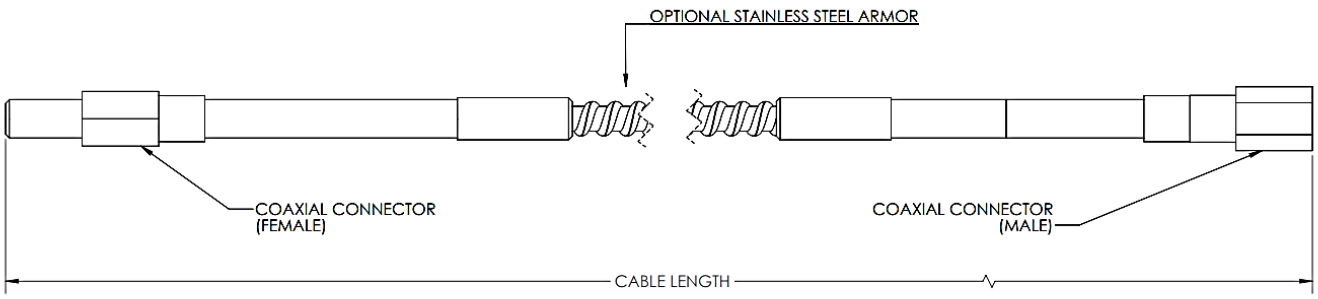


Figure 3. 7200 Extension Cable

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Yekan Tajhiz company is acting in the field of supply, consulting and engineering services associated with vibration measurement and monitoring equipment and works as the middle east representative of Bently Nevada, Metrix and CTC brands.

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