

# DX3301 Series

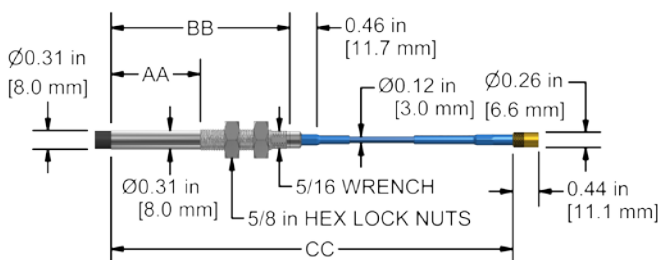
## BENTLY™ 3300/3300XL Compatible 8 mm, 3/8-24 Case Thread, Eddy Current/Proximity Probes



Proximity Probe with Standard Cable



Proximity Probe with Armor Jacketed Cable



### Product Features

Bently™ Compatible DX3301 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.

- 8 mm probe tip diameter with 3/8-24 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and jam nuts

### Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)  
 Sensitivity: -200 mV/mil (-7.87 V/mm) (1 mil = 0.001")  
 5/16 in wrench flats at cable end of probe body  
 Miniature 12-32 threaded connector  
 FEP jacketed cable, available with 304 optional stainless steel armor jacket  
 IP Rating (Probe) – IP68

### Ordering Information

DX3301  -  -  -  -  -

Case Thread	No Thread Length	Case Length	Total Length	Connector	Regulatory Approval
01 = 3/8-24 No Armor	00 = 0.0 in    40 = 4.0 in	15 = 1.5 in    60 = 6.0 in	05 = 0.5 meter	01 = mini coax, with connector protector 02 = mini coax	00 = CE Certified
	05 = 0.5 in    50 = 5.0 in	20 = 2.0 in    70 = 7.0 in	10 = 1.0 meter		
02 = 3/8-24 Armor	10 = 1.0 in    60 = 6.0 in	30 = 3.0 in    80 = 8.0 in	50 = 5.0 meter		
	20 = 2.0 in    70 = 7.0 in	40 = 4.0 in    95 = 9.5 in	90 = 9.0 meter		
	30 = 3.0 in    80 = 8.0 in	50 = 5.0 in			

NOTE: 0.5 in. increments up to 1 in. less than the case length

NOTE: Highlighted lengths are stocked for shorter lead times



Example Part Number: **DX330101-05-15-05-02-00**

No armor, 0.5 inch no thread length, 1.5 inch case length, 0.5 meter total length, mini coax connector, CE certified

SECTION 6 - PRO LINE  
Bently™ Compatible Proximity Probes

Lifetime Warranty on Materials & Workmanship

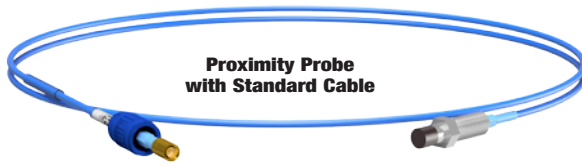
www.ctconline.com



PROTECTION & RELIABILITY INSTRUMENTS

# DX3301 Series

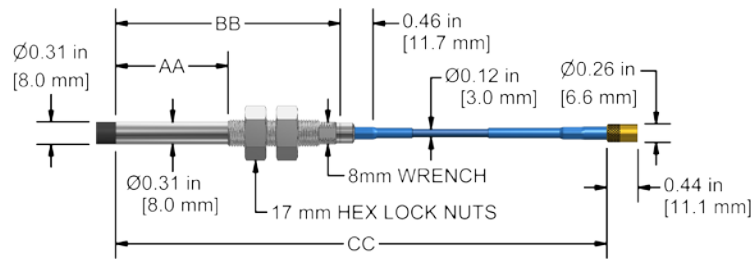
## BENTLY™ 3300/3300XL Compatible 8 mm, M10x1 Case Thread, Eddy Current/Proximity Probes



Proximity Probe with Standard Cable



Proximity Probe with Armor Jacketed Cable



### Product Features

**Bently™ Compatible DX3301 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 8 mm probe tip diameter with M10x1 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and jam nuts

### Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)
Sensitivity: -200 mV/mil (-7.87 V/mm) (1 mil = 0.001")
8 mm wrench flats at cable end of probe body
Miniature 12-32 threaded connector
FEP jacketed cable, available with optional 304 stainless steel armor jacket
IP Rating (Probe) – IP68

### Ordering Information



DX3301  -  AA -  BB -  CC -  -  00

Case Thread	No Thread Length		Case Length		Total Length	Connector	Regulatory Approval
03 = M10x1 No Armor	00 = 0 mm	08 = 80 mm	03 = 30 mm	12 = 120 mm	05 = 0.5 meter	01 = mini coax, with Connector Protector 02 = mini coax	00 = CE Certified
	01 = 10 mm	10 = 100 mm	04 = 40 mm	14 = 140 mm	10 = 1.0 meter		
	02 = 20 mm	12 = 120 mm	05 = 50 mm	16 = 160 mm	10 = 1.0 meter		
04 = M10x1 Armor	03 = 30 mm	14 = 140 mm	06 = 60 mm	18 = 180 mm	50 = 5.0 meter 90 = 9.0 meter		
	04 = 40 mm	16 = 160 mm	07 = 70 mm	20 = 200 mm			
	05 = 50 mm	18 = 180 mm	08 = 80 mm	22 = 220 mm			
	06 = 60 mm	20 = 200 mm	10 = 100 mm	25 = 250 mm			
	07 = 70 mm	22 = 220 mm					

NOTE: 10 mm increments up to 30 mm less than the case length

NOTE: Highlighted lengths are stocked for shorter lead times

**Example Part Number: DX330103-01-10-05-02-00**  
 No armor, 10 mm no thread length, 100 mm total case length, 0.5 m total length, mini coax connector, CE certified



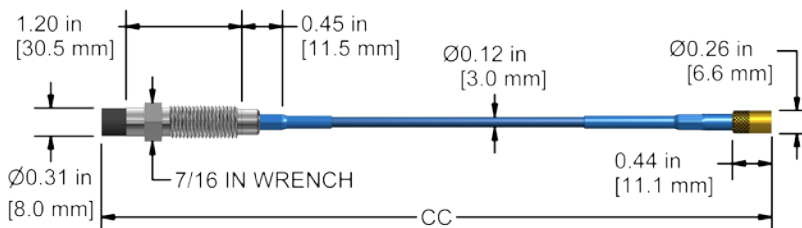
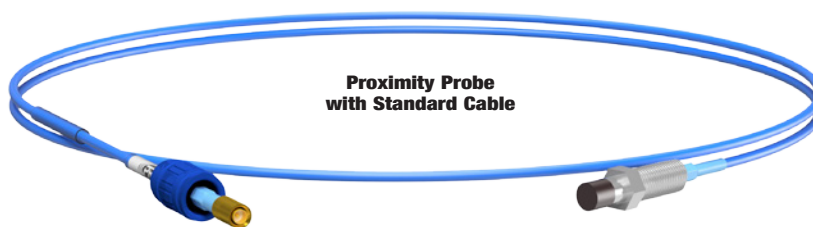
PROTECTION & RELIABILITY INSTRUMENTS

**Lifetime Warranty on Materials & Workmanship**

SECTION 6 - PRO LINE  
 Bently™ Compatible Proximity Probes

# DX330105 Series

**BENTLY™ 3300/3300XL Compatible Reverse Mount 8 mm, 3/8-24 Case Thread, Eddy Current/Proximity Probes**



## Product Features

**Bently™ Compatible DX330105 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 8 mm probe tip diameter with 3/8-24 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and integral jam nut

## Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)  
 Sensitivity: -200 mV/mil -7.87 V/mm (1 mil = 0.001")  
 7/16 in wrench flats on front of probe  
 Miniature 12-32 threaded connector  
 FEP jacketed cable  
 IP Rating (Probe) – IP68

## Ordering Information

DX3301 05 - 02 - 12 - CC - 02 - 00

Case Thread	No Thread Length	Case Length	Total Length	Connector	Regulatory Approval
05 = reverse mount with 3/8-24 threaded body	02 = 0.2 in	12 = 1.2 in	05 = 0.5 meter 10 = 1.0 meter 50 = 5.0 meter 90 = 9.0 meter	02 = mini coax	00 = CE Certified
NOTE: Highlighted lengths are stocked for shorter lead times					



**Example Part Number: DX330105-02-12-05-02-00**

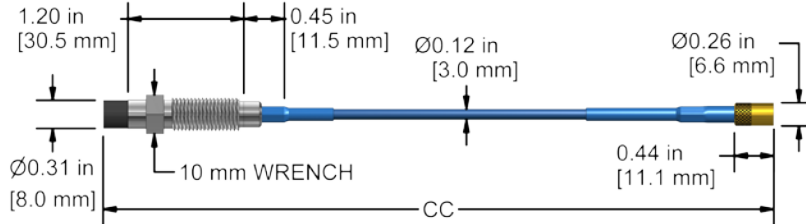
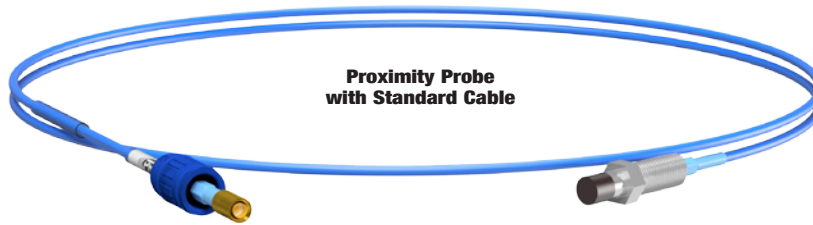
Reverse mount with 3/8-24 threaded body, 0.2 inch no thread length, 1.2 inch case length, 0.5 meter total length, mini coax connector, CE certified

**Lifetime Warranty on Materials & Workmanship**



# DX330106 Series

**BENTLY™ 3300/3300XL Compatible Reverse Mount 8 mm, M10x1 Case Thread, Eddy Current/Proximity Probes**



## Product Features

**Bently™ Compatible DX330106 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 8 mm probe tip diameter with M10x1 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and integral jam nut

## Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)
Sensitivity: -200 mV/mil (-7.87 V/mm) (1 mil = 0.001")
10 mm wrench flats on front of probe
Miniature 12-32 threaded connector
FEP jacketed cable
IP Rating (Probe) - IP68

## Ordering Information

**DX3301** 06 - 05 - 30 - CC - 02 - 00

Case Thread	No Thread Length	Case Length	Total Length	Connector	Regulatory Approval
<b>06</b> = reverse mount with M10x1 threaded body	<b>05</b> = 5 mm	<b>30</b> = 30 mm	<b>05</b> = 0.5 meter 10 = 1.0 meter 50 = 5.0 meter 90 = 9.0 meter	<b>02</b> = mini coax	<b>00</b> = CE Certified
NOTE: Highlighted lengths are stocked for shorter lead times					



**Example Part Number: DX330106-05-30-05-02-00**  
Reverse mount with M10x1 threaded body, 5 mm no thread length, 30 mm case length, 0.5 meter total length, mini coax connector, CE certified



**Lifetime Warranty on Materials & Workmanship**

SECTION 6 - PRO LINE  
Bently™ Compatible Proximity Probes