

Proximity Products

10000 Series Transducers & Monitoring Solutions

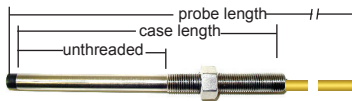
PROXIMITY PRODUCTS

Probes, cables and drivers or transmitters are combined within a unique SERIES and not mixed with other SERIES (i. e., 3300, 3300 XL, 3300 NSv, or 3000 series). The lengths of the probes* and extension cables must combine for a system length of 5 or 9 meters. A 1 meter probe combines with a 4 or 8 meter cable for a 5 or 9 meter system respectively and a 0.5 meter probe combines with a 4.5 or 8.5 meter extension cable for a 5 or 9 meter system respectively.

All proximity transducers have third party approvals, comply with API 670 Specifications, and feature patented ProxMatch™ component coding to assure proper matching of components.

* Probe length includes probe body AND pigtail

STANDARD PROXIMITY PROBE for Metrix 10000 Series Model No.



1 0 0 - - - - 0 2

Tip Dia.	Case Threads	Armor	Model No.	Unthreaded Length	Case Length	Probe Length *	C o n n e c t o r
5 mm	1/4"-28	No	10001	Standard 00 = 0.0 in. Increments 05 = 0.5 in Maximum = Case Length minus 1.0 in.	Min: 10=1.0in Delta: 05=0.5in Std: 30=3.0in Max: 95=9.5in	05 = 0.5 m ± .05 m 10 = 1.0 m ± .1 m	
	1/4"-28	Yes	10002				
8 mm	3/8"-24	No	10005	Standard 00 = 0 mm. Increments 01 = 10 mm Maximum = Case Length minus 20 mm.	Min: 02=20mm Std: 07=70mm Max: 25=250mm		
	3/8"-24	Yes	10006				
5 mm	M8X1	No	10003	Standard 00 = 0 mm. Increments 01 = 10 mm Maximum = Case Length minus 20 mm.	Min: 02=20mm Std: 07=70mm Max: 25=250mm		
	M8X1	Yes	10004				
8 mm	M10X1	No	10007	Standard 00 = 0 mm. Increments 01 = 10 mm Maximum = Case Length minus 20 mm.	Min: 02=20mm Std: 07=70mm Max: 25=250mm		
	M10X1	Yes	10008				

EXTENSION CABLE For Metrix 10000 Series Model No.

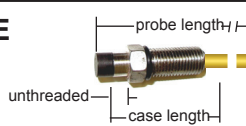


7402 - -

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

Use a standard straight through threaded probe above or the reverse mount probe below depending on availability of the target.

REVERSE MOUNT PROXIMITY PROBE for Metrix 10000 Series Model No.



1 0 0 - - - - 0 2

Case Threads	Model No.	Unthreaded Length	Case Length	Probe Length*	C o n n e c t o r
3/8"-24	10026	02 = 0.2 in.	12 = 1.2 in.	05 = 0.5 m ± .05 m	
M10X1	10030	05 = 5 mm.	30 = 30 mm.	10 = 1.0 m ± .1 m	

Model 5499
IS REQUIRED
for mounting reverse
mount probes



Standard electronic
enclosures & special
panels & cabinets



Example transducer configuration

Given: A 5 meter system, 3.0 in. case length 3/8-24 probe, 1 meter long, 0 in. unthreaded, no armor on probe, armored cable, driver w/DIN mount. Use:

probe Model no. 10005-00-30-10-02

extension cable 7402-040-01

and driver 5533-103 (for DIN rail)

METRIX

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Proximity Products

10000 Series Transducers & Monitoring Solutions

PROXIMITY PRODUCTS


The series 10000 transducers are interchangeable with the 7200 series. Other Metrix transducers are available compatible with most installed proximity transducers including the 3300 XL, 3300 NSV, RAM, 3300, and 3000 Series. (see the following sections). **You have a choice.**

Proximitor, 3300XL, 3300XL NSv, 3309 NSv and RAM are registered trademarks of the Bently Nevada Corp.

Driver "system length" (5 or 9 meter) must equal the combined probe & cable length.

Metrix 10000 Series PROBE DRIVER

5 or 9




Model No. 5533 -

Tip Dia.	Mounting	System Length
5 mm-	0 = Baseplate	0 3 = 5 meter system
8 mm	1 = 35 mm DIN-rail	0 4 = 9 meter system

Transmitter (loop-powered) includes driver function and must match the "system length" (5 or 9 meter).

RADIAL VIBRATION PROBE TRANSMITTER

5 or 9




4-20 mA out

Model No. TXR - - N

Probe Series	System Length	Tip Diameter	4-20 mA Range	
5	5 meters	0 5&8 mm	3	3 mils, pk-pk
			4	4 mils, pk-pk
			5	5 mils, pk-pk
			10	10 mils, pk-pk
9	9 meters	0 5&8 mm	15	15 mils, pk-pk
			20	20 mils, pk-pk

POSITION (THRUST) PROBE TRANSMITTER

5 or 9




4-20 mA out

Model No. TXA - - N

Probe Series	System Length	Tip Diameter	4-20 mA Range
5	5 meters	0 5&8 mm	0 20 to 80 mils
9	9 meters	3 11 mm	1 20 to 160 mils

SIGNAL CONDITIONER




Single Channel Powers driver
4-20 mA out

Radial Vibration 5510C
Position Thrust 5516C
See page 1.26


N = Negative Polarity. Leave BLANK if not required.

DATAWATCH 7100 & 8100 MONITORS



4-20 mA inputs to 48 channels
See pages 3.05-3.06

AM3030 ALARM MONITOR



See pages 3.07-3.08

Data Watch PLC or DCS

PLC or DCS