

Proximity Products

Replacements for 3300 & 3300 XL Series Transducers

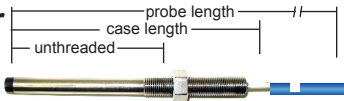
PROXIMITY PRODUCTS

Probes, cables and drivers or transmitters are combined within a unique SERIES and not mixed with other SERIES (i. e., RAM, 3300 NSv, 7200, or the 3000 series). The lengths of the probes* and extension cables must combine for a system length of 5 or 9 meters. i.e., 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 3300 Series (5mm, 8mm, & XL)
Metrix Model No.



MX3301 - - - - **02** -

Case Threads	Armor	Model No.	Unthreaded Length	Case Length	Probe Length (meters)	Connector, Protector, &/or CableSeal™	Agency Apprv'l.
1/4"-28	No	MX330171	<i>Standard</i> 00 = 0.0 in.	Min: 10 = 1.0in	05 = 0.5m	02= St'd. cable w/hex connector	00 = None req'd. 05 = Agency apprv'l.
1/4"-28	Yes	MX330172	<i>Increments</i> 05 = 0.5 in	Delta: 05 = .05in			
3/8"-24	No	MX330101	<i>Maximum</i> =Case Lgth. minus 1.0 in.	Std: 30 = 3.0in	10 = 1.0 m		
3/8"-24	Yes	MX330102		Max: 95 = 9.5in			
M8X1	No	MX330173	<i>Standard</i> 00 = 00 mm.	Min: 02 = 20mm	note: also available		
M8X1	Yes	MX330174	<i>Increments</i> 01 = 10 mm	Std: 07 = 70mm			
M10X1	No	MX330103	<i>Maximum</i> =Case Lgth. minus 20 mm.	Max: 25 =250mm	50 = 5.0m		
M10X1	Yes	MX330104			90 = 9.0m		
For smooth probe body (unthreaded length = case length)- contact factory						(no cable needed)	

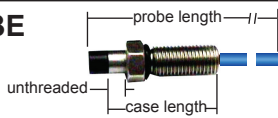
EXTENSION CABLE for 3300 Series
Metrix Model No.



MX330130 - - -

Cable Length	Cable, Armor, Conn. Protector, &/or CableSeal™	Agency Apprv'l.
040 = 4.0 m	00= St'd. cable 01= St'd. cable w/armor	00 = none required 05 = Agency approval
045 = 4.5 m		
080 = 8.0 m		
085 = 8.5 m		
An extension cable is not needed for a 5 or 9 meter length probe		
(Before you specify this option, consider carefully the issues of installing a threaded probe with 5 or 9 meters of integral cable)		

REVERSE MOUNT PROXIMITY PROBE for 3300 Series (8mm & XL)
Metrix Model No.



MX3301 - - - - **02** -

Case Threads	Model No.	Unthreaded Length	Case Length	Probe Length	Conn.	Agency Apprv'l.
3/8"-24	MX330105	02 = 0.2 in	12 = 1.2 in	05 = 0.5 m ± .05 m	02 = yes	00 = none required
M10X1	MX330106	05 = 5 mm	30 = 30 mm	10 = 1.0 m ± .1 m		05 = Agency apprv'l.

Example transducer configuration

9 meter system, 70 mm long standard M10X1 probe, 1/2 meter probe length, 20mm unthreaded, no armor on probe, armored cable, no agency approval, DIN rail mount.

probe Model no. MX330103-20-07-05-02-00
 extension cable MX330130-085-01-00
 & driver MX330100-90-00-1 (-1 added for mounting option for DIN rail)

Model **5499** IS REQUIRED for mounting reverse mount probes



Standard electronic enclosures & special panels & cabinets



Proximity Products

Replacements for 3300 & 3300 XL Series Drivers & Transmitters


Other Metrix transducers are available compatible with installed proximity transducers in the 7200, 3300 NSv, 3300 XL NSv, RAM and 3000 Series. (see the preceding and 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 and cable length. Used with Metrix probe Model Nos. MX3301XX

PROBE DRIVER for 3300 & 3300 XL Series
Metrix Model No.

5
or
9



(3300) MX330100 - - -


(3300XL) MX330180 - - -

Tip Dia.	System Length	Agency Approval	Mounting *
5 mm-	50 = 5 meter system	00 = not required	0 = Baseplate
8 mm	90 = 9 meter system	05 = agency approval	1 = 35 mm DIN-rail

Transmitter (loop-powered) includes driver function and requires a "system length" (5 or 9 meter).

RADIAL VIBRATION TRANSMITTER
Model No.

5
or
9




4-20 mA out

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
			15	15 mils, pk-pk
9	9 meters	0 5&8 mm	20	20 mils, pk-pk

POSITION (THRUST) PROBE TRANSMITTER
Model No.

5
or
9



4-20 mA out

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	0 5&8 mm	0 20 to 80 mils

SIGNAL CONDITIONER

Single Channel
 Powers driver
 4-20 mA out



Radial Vibration 5510
Position Thrust 5516

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