

Proximity Products

Replacements for 3309 NSv & RAM Series Transducers

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, 7200 or the 3000 series). The lengths of the probes* and extension cables must combine for a system length of 5 or 7 meters. i.e., a 1 meter probe combines with a 4 or 6 meter cable for a 5 or 7 meter system respectively and a 0.5 meter probe combines with a 4.5 or 6.5 meter extension cable for a 5 or 7 meter system respectively.

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

*Probe length includes probe body AND pigtail

STANDARD PROXIMITY PROBE for 3309 Series (NSv & RAM)
5mm Tip Dia. only
Metrix Model No.

MX3309 - - - - **02** -

Case Threads	Armor	Model No.	Unthreaded Length	Case Length	Probe Length (meters)	Connector, Protector, &/or CableSeal™	Agency Apprv'l.
1/4"-28	No	MX330901	<i>Standard</i> 00 = 0.0 in.	Min: 10 = 1.0in	05 = 0.5m	02 = With cable & hex connector	00 = None req'd.
1/4"-28	Yes	MX330902	<i>Increments</i> 05 = 0.5 in	Delta: 05 = .05in			
3/8"-24	No	MX330908	<i>Maximum</i> =Case Lgth.	Std: 30 = 3.0in	10 = 1.0 m		
3/8"-24	Yes	MX330909	minus 1.0 in.	Max: 95 = 9.5in			
M8X1	No	MX330903	<i>Standard</i> 00 = 00 mm.	Min: 02 = 20mm	note: also available	05 = Agency apprv'l.	
M8X1	Yes	MX330904	<i>Increments</i> 01 = 10 mm	Std: 07 = 70mm			
M10X1	No	MX330905	<i>Maximum</i> =Case Lgth.	Max: 25 = 250mm	50 = 5.0m		
M10X1	Yes	MX330910	minus 20 mm.		70 = 7.0m		

For smooth probe body (unthreaded length = case length)- contact factory (no cable needed)

Use a standard straight-through threaded probe above or the reverse mounted probe and "stinger" below depending on availability of the target

REVERSE MOUNT PROXIMITY PROBE for 3309 Series (NSv & RAM)
Metrix Model No.

MX3309 - - - - **02** -

Case Threads	Model No.	Unthreaded Length	Case Length	Probe Length	Conn.	Agency Apprv'l.
3/8"-24	MX330906	02 = 0.2 in	12 = 1.2 in	05 = 0.5 m ± .05 m	02 = yes	00 = none required
M10X1	MX330907	05 = 5 mm	30 = 30 mm	10 = 1.0 m ± .1 m		05 = Agency apprv'l.

Example transducer configuration

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

probe model no. MX330905-20-07-05-02-05
 extension cable MX330930-065-01-05
 driver MX330900-70-05-1 (-1 added for mounting option for DIN rail)

EXTENSION CABLE for 3309 NSv & RAM Series
Metrix Model No.

MX330930---

Cable Length	Cable, Armor, Conn. Protector, &/or CableSeal™	Agency Apprv'l.
040 = 4.0 m	00 = St'd. cable w/o armor 01 = Cable w/ SS armor	00 = none required 05 = Agency approval
045 = 4.5 m		
060 = 6.0 m		
065 = 6.5 m		
An extension cable is not needed for a 5 or 7 meter length probe		
Before you specify this option, consider carefully the issues of installing a threaded probe, especially a long one, with 5 or 7 meters of integral cable.		

Model 5499 IS REQUIRED for mounting reverse mount probes



Standard electronic enclosures & special panels & cabinets



Proximity Products

Replacements for 3309 NSv & RAM Series Drivers & Transmitters

PROXIMITY PRODUCTS

Other Metrix transducers are available compatible with installed proximity transducers in the 7200, 3300, 3300 XL 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 7 meter) must equal the combined probe and cable length. Used with Metrix Proximity probes and cables Model Nos. MX3309XX...

Data Watch PLC or DCS

PLC or DCS

PROBE DRIVER for 3309 XL NSv Series
Metrix Model No.

5 or **7**




MX330980 -

Tip Dia.	System Length	Agency Approval	Mounting
5 mm	50 = 5 meter system	00 = not required	0 = Baseplate
	70 = 7 meter system	05 = agency approval	1 = 35 mm DIN-rail

Transmitter (loop-powered) includes driver function and requires a "system length" (5 or 7 meter).

SIGNAL CONDITIONER

Single Channel
 Powers driver
 4-20 mA out




Radial Vibration 5510
Position Thrust 5516

See page 1.26

RADIAL VIBRATION TRANSMITTER
Model No.

5 or **7**



4-20 mA out


TXR - **39** - **N**

Probe Series	System Length	Tip Diameter	4-20 mA Range*		
5	5 meters	0	5 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
				20	20 mils, pk-pk
7	7 meters	0	5 mm		

N = Negative Polarity. Leave BLANK if not required.

POSITION (THRUST) TRANSMITTER
Model No.

5 or **7**




4-20 mA out

TXA - **39** - **N**

Probe Series	System Length	Tip Diameter	4-20 mA Range
5	5 meters	0	5 mm
7	7 meters	0	20 to 80 mils


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