

Proximity Products

11 mm 7200 Series Transducers

PROXIMITY PRODUCTS

For longer range applications to 140 mils

Probes, cables and drivers or transmitters are combined within a unique SERIES and not mixed with other SERIES (interchangeable with 7200 series and not others). 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 11 mm dia. 7200 Series
Metrix Model No.

M X - - - - 0 2

EXTENSION CABLE for 7200 Series
Metrix Model No.

9282 - -

Tip Dia.	Case Threads	Armor	Model No.	Unthreaded Length	Case Length	Probe Length *	C o n n e c t o r
11 mm	1/2"-20	NO	10037	<i>Standard</i> 00 = 0.0 in. <i>Increments</i> 05 = 0.5 in <i>Maximum</i> = Case Length minus 1.0 in.	Min: 10=1.0in Delta: 05=.05in Std: 30=3.0in Max: 95=9.5in	05 = 0.5 m ± .05 m	
		YES	10038				
	M14-1.5	NO	10039	<i>Standard</i> 00 = 0 mm. <i>Increments</i> 01 = 10 mm <i>Maximum</i> = Case Length minus 20 mm.	Min: 02=20mm Delta: 01=10mm Std: 07=70mm Max: 25=250mm	10 = 1.0 m ± .1 m	
		YES	10040				

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

Model 5499
IS REQUIRED
 for mounting reverse mount probes



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

REVERSE MOUNT PROXIMITY PROBE for 11 mm dia. 7200 Series
Metrix Model No.

10041 - - - - 0 2

Case Threads	Model No.	Unthreaded Length	Case Length	Probe Length*	C o n n e c t o r
3/8"-24	10041	02 = 0.2 in.	12 = 1.2 in.	05 = 0.5 m ± .05 m	
M10X1	10042	05 = 5 mm.	30 = 30 mm.	10 = 1.0 m ± .1 m	

Standard electronic enclosures & special panels & cabinets



Example transducer configuration

Given: A 9 meter system, 3.0 in. case length 1/2"-20 probe, 1/2 meter long, 0 in. unthreaded, no armor on probe, armored cable, driver w/baseplate mount. Use:

- probe model no. 10037-00-30-05-02
- extension cable 9282-085-01
- and driver 5533-114



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Other Metrix transducers are available compatible with most installed proximity transducers including the 3300 XL, 3300 XL NSv 3300 NSv, RAM, 3300, 7200 and 3000 Series. (See the preceding 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.

PROBE DRIVER for 11 mm 7200 Series
Metrix Model No.

5
or
9




5533 -

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

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.

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

POSITION (THRUST) PROBE TRANSMITTER
Model No.

5
or
9




4-20 mA out

TXA - 72 - 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

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