

7200 Proximity Transducer Systems

5 mm and 8 mm

TABLE 1
Probe Part Number Option Descriptions

TIP CONSTRUCTION		CASE		
PART NO. □□□□	DIAMETER	CONFIGURATION TYPE	THREADS	LEAD ARMOR
*21500-	5 mm	Standard	1/4-28	No
*21501-	5 mm	Standard	1/4-28	Yes (stainless steel)
21504-	8 mm	Standard	3/8-24	No
21505-	8 mm	Standard	3/8-24	Yes (stainless steel)
21508-02-12	8 mm	Reverse	3/8-24	No
22810-	8 mm	Standard	M10 × 1	Yes (stainless steel)
22811-	8 mm	Standard	M10 × 1	No
*22812-	5 mm	Standard	M8 × 1	Yes (stainless steel)
*22813-	5 mm	Standard	M8 × 1	No

* Maximum case length for all M8 × 1 probes is 100 mm; and for 1/4-28 probes is 4 inches. Also, maximum overall length for 5 mm probes is 1 metre.

PHYSICAL

For Probes: See Figure 1 and Table 1.

Proximitior:

Size:

Height: 2.00 inches (50.8 mm) maximum.

Length: 3.12 inches (79.2 mm).

Width: 2.38 inches (60.5 mm).

Weight: 7.9 ounces (22.0 kg).

Ordering Information

5 mm and 8 mm Standard Mount Probe

A B C D
□□□□ - □□ - □□ - □□ - □□

Option Description

□□□□ Probe Part Number Option
Select from Table 1.

A □□ Unthreaded Length Option ①

Order in increments of 0.4 inches for English thread, 10 mm for metric threads.

English thread configurations:

Maximum unthreaded length:
8.8 inches

Minimum unthreaded length:
0.0 inches

Example: = 0.4 inches

Metric thread configuration:

Maximum unthreaded length:
230 mm

Minimum unthreaded length:
0.0 mm

Example: = 60 mm

B □□ Overall Case Length Option*

Order in increments of 0.4 inches for English thread, 10 mm for metric threads.

English thread configurations:

Maximum case length:
9.6 inches

Minimum case length:
0.8 inches

Example: = 2.4 inches

Metric thread configuration:

Maximum length:
250 mm

Minimum length:
20 mm

Example: = 40 mm

C □□ Total Length Option*

05 0.5 metre (20 inches).
Tolerance: +.13 metre, -.05 metre (+ 5 inches, -2 inches).

10 1.0 metre (39 inches).
Tolerance: +.25 metre, -.10 metre (+ 10 inches, -4 inches).

50 5 metre (195 inches).

Tolerance: +.6 metre, -.5 metre (+ 24 inches, -20 inches).

90 9 metre (351 inches).

Tolerance: +1.0 metre, -.9 metre (+ 39 inches, -35 inches).

D □□ Connector Option

00 Without connector.

02 With miniature male coaxial connector.

8 mm Reverse Mount Probe

A B C D
21508 - 02 - 12 - □□ - □□

Option Description

C □□ Total Cable Length Option

05 0.5 metre (20 inches).
Tolerance: +.13 metre, -.05 metre (+ 5 inches, -2 inches).

10 1.0 metre (39 inches).
Tolerance: +.25 metre, -.10 metre (+ 10 inches, -4 inches).

50 5 metre (195 inches).
Tolerance: +.6 metre, -.5 metre (+ 24 inches, -20 inches).

90 9 metre (351 inches).
Tolerance: +1.0 metre, -.9 metre (+ 39 inches, -35 inches).

D □□ Connector Option

00 Without connector.

02 With miniature male coaxial connector.

Extension Cable

A B
21747 - □□□ - □□

Option Description

A □□□ Cable Length Option ②

040 4.00 metres (157 inches).③

045 4.50 metres (177 inches).③

080 8.00 metres (315 inches).

085 8.50 metres (335 inches).

B □□ Armor Option

00 Without armor.

01 With armor.