

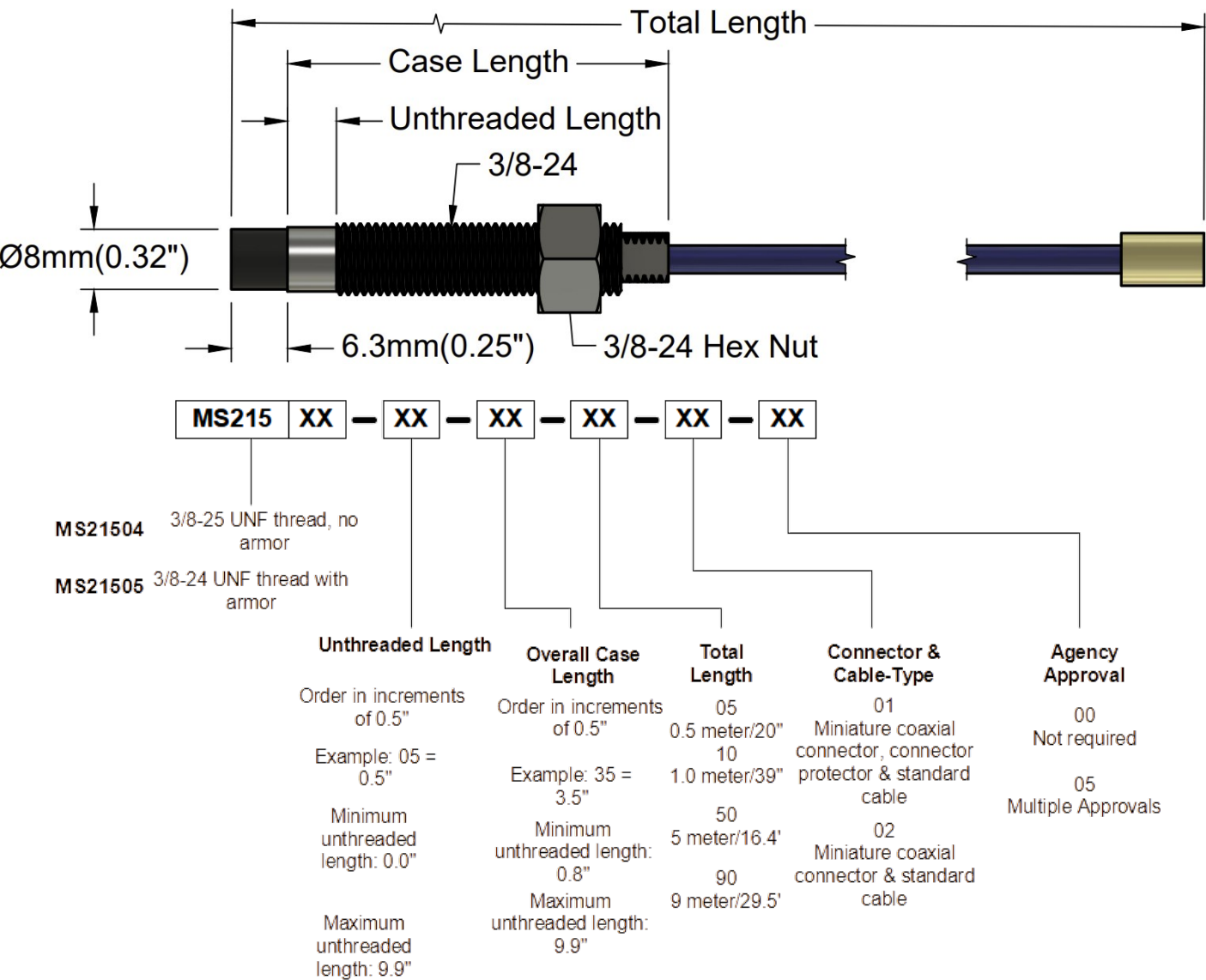
# 7200 Specifications and Dimensions

## Specifications

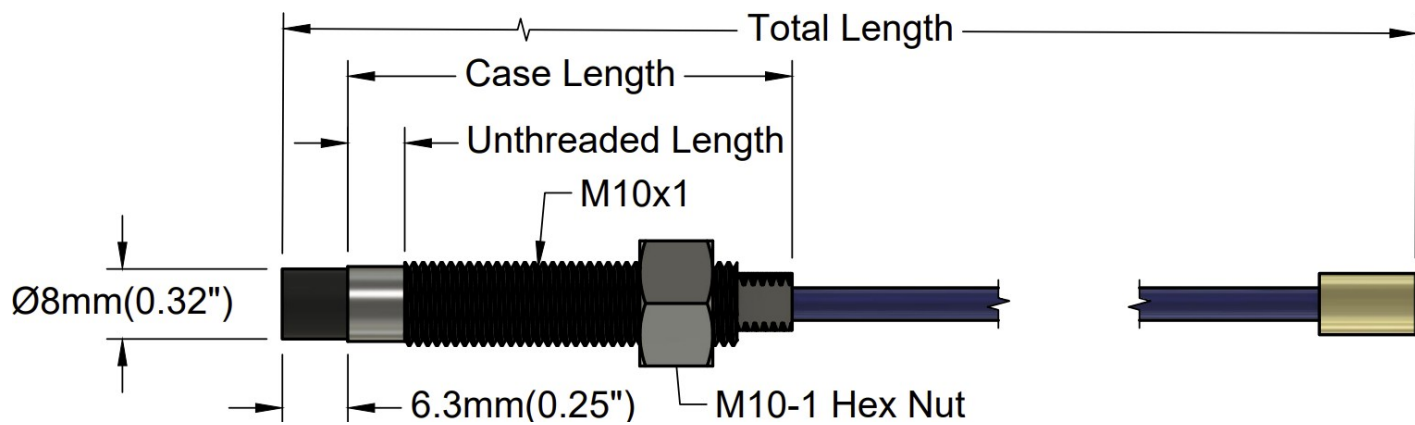
<b>System Length</b>	5 or 7 meters including extension cable
<b>Extension Cable Armor (optional)</b>	Flexible AISI 302 SST with/without FEP outer jacket.
<b>Tensile Strength (maximum rated)</b>	220 N (50 lb) probe case to probe lead. 220 N (50 lb) at probe lead to extension cable connectors. 220 N (50 lb) probe case to stainless steel armor
<b>Connector material</b>	Gold-plated brass
<b>Recommended Connector Torque</b>	Hand tightened
<b>Maximum torque</b>	0.56 N•m (5 in•lb)
<b>Minimum bend Radius (with or without SS armor)</b>	25.4 mm (1.0 in)
<b>Probe Temperature Range Operating Temperature</b>	-34°C to +125°C (-30°F to +257°F)
<b>Storage Temperature</b>	-51°C to +125°C (-60°F to +257°F)
<b>Extension Cable Operating and Storage Temperature</b>	-51°C to +177°C (-60°F to +351°F)
<b>Relative Humidity</b>	100% condensing, non-submersible when connectors are protected



# Imperial



# Metric



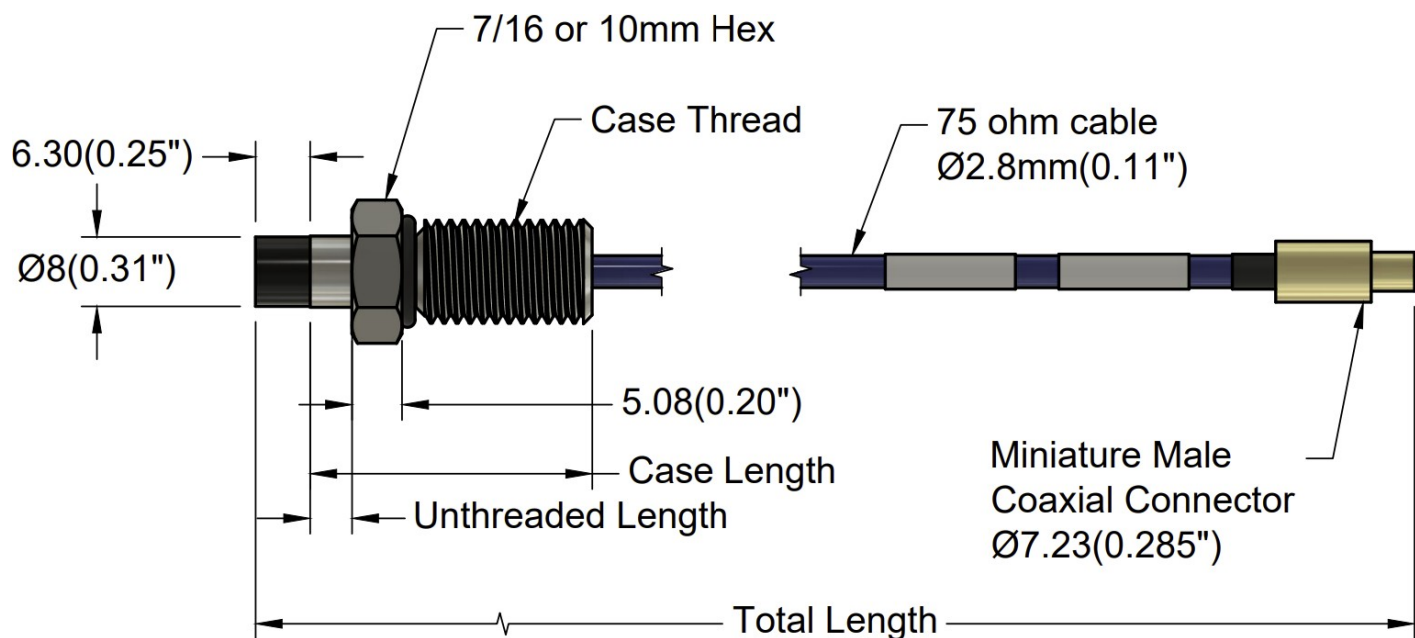
MS228 XX - XX - XX - XX - XX - XX

MS22811 M10 x 1 thread, no armor

MS22810 M10 x 1 thread, with armor

Unthreaded Length	Overall Case Length	Total Length	Connector & Cable-Type	Agency Approval
Order in increments of 10 mm	Order in increments of 10mm	05 0.5 meter/20"	01 Miniature coaxial connector, connector protector & standard cable	00 Not required
Example: 06 = 60 mm	Example: 06 = 60 mm	10 1.0 meter/39"		05 Multiple Approvals
Minimum unthreaded length: 0.0 mm	Minimum unthreaded length: 20 mm	50 5 meter/16.4'	02 Miniature coaxial connector & standard cable	
Maximum unthreaded length: 230 mm	Maximum unthreaded length: 250 mm	90 9 meter/29.5'		

## Reverse Mount



MS21508-02-12-12 XX — XX — XX — XX

MS21508-02-12 3/8-24 UNF threads

Total Length

Connector and Cable

Agency Approval

05  
0.5meter/20"

10  
1.0meter /39"

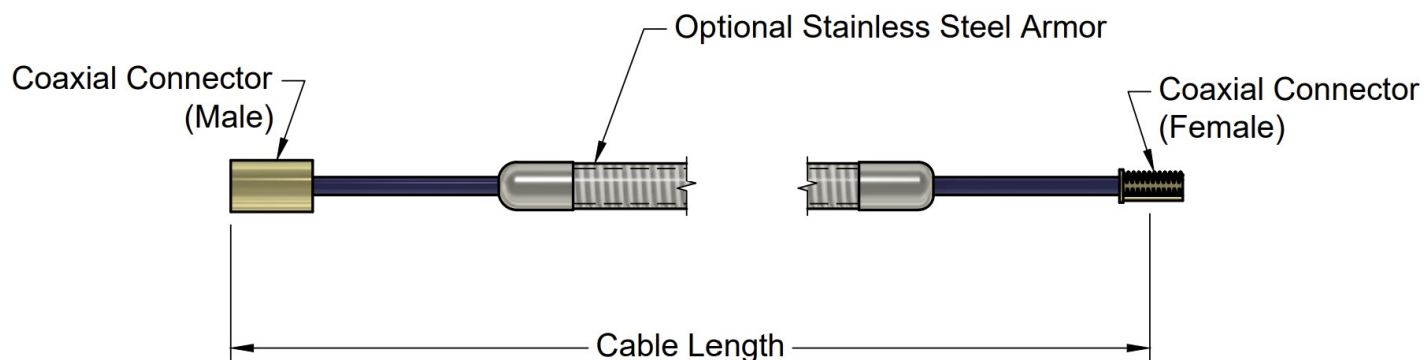
50  
5.0meter/16.4'

90  
9.0meter/ 29.5'

02  
Miniature coaxial  
connector & standard  
cable

00  
Not required  
  
05  
Multiple Approvals

## Extension Cables



**MS21747** **XX** — **XX** — **XX** — **XX**

**MS21747**

**Cable Length**

**Connector and Cable**

**Agency Approval**

040  
4.0 meter/13.1'

00  
No stainless steel armor

00  
Not required

045  
4.5 meter/14.8'

01  
Stainless steel armor &  
FEP jacket

05  
Multiple Approvals

080  
8.0 meter/26.25'

02  
Stainless steel armor,  
no FEP jacket

085  
8.5 meter/27.9'

Revision #2

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