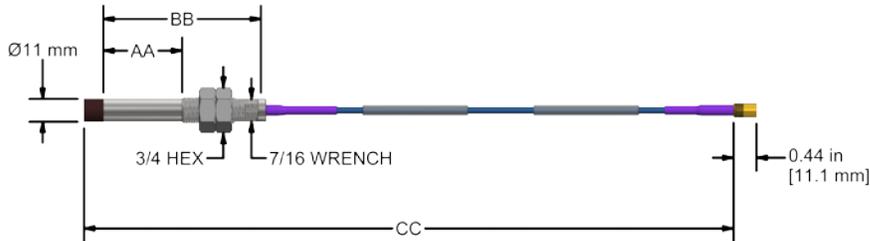
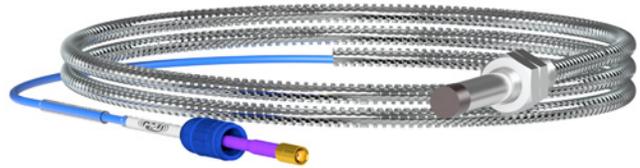


Proximity Probe with Standard Cable



Proximity Probe with Armor Jacketed Cable



### Product Features

PRO DP1007 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.

- 11 mm probe tip diameter with 1/2-20 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and jam nuts

### Specifications

|  |
|--|
| Temperature Range: -49°F (-45°C) to 350°F (177°C)                            |
| Sensitivity: -100 mV/mil (-3.94 V/mm) (1 mil = 0.001")                       |
| 7/16 in wrench flats at cable end of probe body                              |
| Miniature 12-32 threaded connector   |
| FEP jacketed cable, available with optional 304 stainless steel armor jacket |
| IP Rating (Probe) - IP68   |

### Ordering Information

DP1007  -  -  -  -  -

| Case Thread          | No Thread Length   | Case Length  | Total Length   | Connector                                | Regulatory Approval |
|----------------------|--|--|----------------|--|---------------------|
| 01 = 1/2-20 No Armor | 00 = 0.0 in    40 = 4.0 in                                     | 15 = 1.5 in    60 = 6.0 in                                   | 10 = 1.0 meter | 01 = mini coax, with connector protector | 00 = CE Certified   |
|                      | 05 = 0.5 in    50 = 5.0 in                                     | 20 = 2.0 in    70 = 7.0 in                                   | 50 = 5.0 meter |  |                     |
| 02 = 1/2-20 Armor    | 10 = 1.0 in    60 = 6.0 in                                     | 30 = 3.0 in    80 = 8.0 in                                   | 90 = 9.0 meter | 02 = mini coax                           |                     |
|                      | 20 = 2.0 in    70 = 7.0 in                                     | 40 = 4.0 in    95 = 9.5 in                                   |                |  |                     |
|                      | 30 = 3.0 in    80 = 8.0 in                                     | 50 = 5.0 in  |                |  |                     |
|                      | NOTE: 0.5 in. increments up to 1 in. less than the case length | NOTE: Highlighted lengths are stocked for shorter lead times |                |  |                     |



**Example Part Number: DP100701-05-15-10-01-00**  
 No armor, 0.5 inch no thread length, 1.5 inch case length, 1.0 meter total length, mini coax with connector protector, CE certified



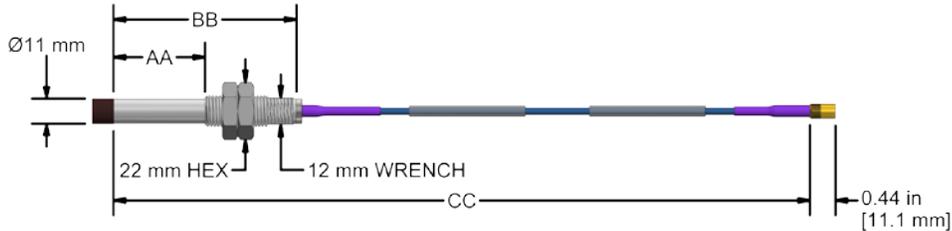
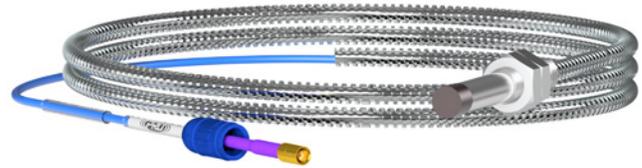
# DP1007 Series

## PRO 11 mm, M14x1.5 Case Thread, Eddy Current/Proximity Probes

Proximity Probe with Standard Cable



Proximity Probe with Armor Jacketed Cable



### Product Features

**PRO DP1007 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 11 mm probe tip diameter with M14x1.5 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and jam nuts

### Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)  
 Sensitivity: -100 mV/mil (-3.94 V/mm) (1 mil = 0.001")  
 12 mm wrench flats at cable end of probe body  
 Miniature 12-32 threaded connector  
 FEP jacketed cable, available with optional 304 stainless steel armor jacket  
 IP Rating (Probe) - IP68

### Ordering Information



DP1007  -  AA -  BB -  CC -  -  0 0

| Case Thread           | No Thread Length |             | Case Length |             | Total Length   | Connector  | Regulatory Approval |
|-----------------------|------------------|-------------|-------------|-------------|----------------|--|---------------------|
| 03 = M14x1.5 No Armor | 00 = 0 mm        | 08 = 80 mm  | 03 = 30 mm  | 10 = 100 mm | 10 = 1.0 meter | 01 = mini coax, with Connector Protector<br>02 = mini coax | 00 = CE Certified   |
|                       | 01 = 10 mm       | 10 = 100 mm | 04 = 40 mm  | 12 = 120 mm | 50 = 5.0 meter |  |                     |
|                       | 02 = 20 mm       | 12 = 120 mm | 05 = 50 mm  | 14 = 140 mm |                |  |                     |
| 04 = M14x1.5 Armor    | 03 = 30 mm       | 14 = 140 mm | 06 = 60 mm  | 16 = 160 mm | 90 = 9.0 meter |  |                     |
|                       | 04 = 40 mm       | 16 = 160 mm | 07 = 70 mm  | 18 = 180 mm |                |  |                     |
|                       | 05 = 50 mm       | 18 = 180 mm | 08 = 80 mm  | 20 = 200 mm |                |  |                     |
|                       | 06 = 60 mm       | 20 = 200 mm |             | 22 = 220 mm |                |  |                     |
|                       | 07 = 70 mm       | 22 = 220 mm |             | 25 = 250 mm |                |  |                     |

NOTE: 10 mm increments up to 30 mm less than the case length

NOTE: Highlighted lengths are stocked for shorter lead times

Example Part Number: **DP100703-01-10-10-02-00**

No armor, 10 mm no thread length, 100 mm case length, 1.0 meter total length, mini coax connector, CE certified

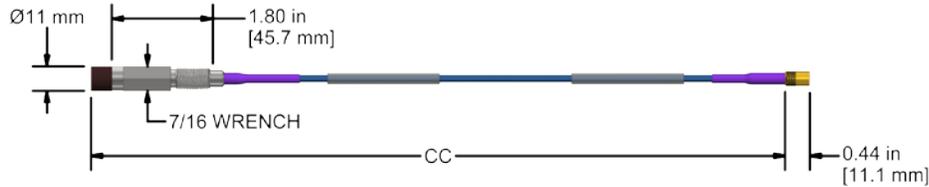
Lifetime Warranty on Materials & Workmanship

www.ctconline.com



# DP100705 Series

**PRO Reverse Mount 11 mm, 3/8-24 Case Thread, Eddy Current/Proximity Probes**



## Product Features

**PRO DP100705 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 11 mm probe tip diameter with 3/8-24 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and integral jam nut

## Specifications

Temperature Range: -49°F (-45°C) to 350°F (177°C)  
 Sensitivity: -100 mV/mil (-3.94 V/mm) (1 mil = 0.001")  
 7/16 in wrench flats on front of probe  
 Miniature 12-32 threaded connector  
 FEP jacketed cable  
 IP Rating (Probe) - IP68

## Ordering Information

DP1007 0 5 - 0 2 - 1 8 - CC - 0 2 - 0 0

| Case Thread   | No Thread Length   | Case Length        | Total Length  | Connector             | Regulatory Approval      |
|---|--------------------|--------------------|---|-----------------------|--------------------------|
| <b>05</b> = reverse mount with 3/8-24 threaded body | <b>02</b> = 0.2 in | <b>18</b> = 1.8 in | <b>10</b> = 1.0 meter<br><b>50</b> = 5.0 meter<br><b>90</b> = 9.0 meter | <b>02</b> = mini coax | <b>00</b> = CE Certified |



**Example Part Number: DP100705-02-18-50-02-00**

Reverse mount with 3/8-24 threaded body, 0.2 inch no thread length, 1.8 inch case length, 5.0 meter total length, mini coax connector, CE certified



PROTECTION & RELIABILITY INSTRUMENTS

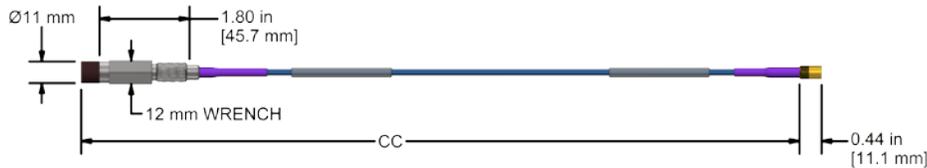
**Lifetime Warranty on Materials & Workmanship**

# DP100706 Series

## PRO Reverse Mount 11 mm, M10x1 Case Thread, Eddy Current/Proximity Probes



Proximity Probe with Standard Cable



### Product Features

**PRO DP100706 series proximity probes measure shaft vibration and displacement on machinery with fluid film bearings. Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors.**

- 11 mm probe tip diameter with M10x1 threaded body
- Probe tip and body sealed to prevent leaking through cable
- Stainless steel probe body and jam nuts

### Specifications

|  |
|--|
| Temperature Range: -49°F (-45°C) to 350°F (177°C)      |
| Sensitivity: -100 mV/mil (-3.94 V/mm) (1 mil = 0.001") |
| 12 mm wrench flats on front of probe                   |
| Miniature 12-32 threaded connector                     |
| FEP jacketed cable                                     |
| IP Rating (Probe) – IP68                               |

### Ordering Information

DP1007 06 - 05 - 46 - CC - 02 - 00

| Case Thread  | No Thread Length | Case Length       | Total Length  | Connector             | Regulatory Approval      |
|--|------------------|-------------------|---|-----------------------|--------------------------|
| <b>06</b> = reverse mount with M10x1 threaded body | <b>05</b> = 5 mm | <b>46</b> = 46 mm | <b>10</b> = 1.0 meter<br><b>50</b> = 5.0 meter<br><b>90</b> = 9.0 meter | <b>02</b> = mini coax | <b>00</b> = CE Certified |



**Example Part Number: DP100706-05-46-50-02-00**

Reverse mount with M10x1 threaded body, 5 mm no thread length, 46 mm case length, 5.0 meter total length, mini coax connector, CE certified