Passive Speed Sensors

Power Output

Ordering Part # | Thread Length (A) | (Select cable from group “A”, see index)
--- | --- | ---
70085-1010-028 | 1.437 (36.50) | "A"

Performance Curves

Specifications:
- Output Voltage (Standard): 75 V (P-P)
- Output Voltage (Guarantee Point): 21.5 V (P-P)
- DC Resistance: 210 ohms max.
- Typical Inductance: 50 to 95 mH ref.
- Output Polarity: Pin “B” positive
- Operating Temperature: -73 to +107°C
- Net Weight: 2.2 oz. max.

Conduit Fitting – General Purpose

Ordering Part # | Thread Length (A)
--- | ---
70085-1010-004 | 1.125 (28.57)
70085-1010-469 | 2.750 (69.85)

Performance Curves

Specifications:
- Output Voltage (Standard): 43 V (P-P)
- Output Voltage (Guarantee Point): 4.3 V (P-P)
- DC Resistance: 130 ohms max.
- Typical Inductance: 32-46 mH ref.
- Output Polarity: Red lead positive
- Operating Temperature: -73 to +107°C
- Lead length: 10 ft (3.05 m)
- Net Weight: 16 oz. max.

Dimensions in inches and (mm).
Passive Speed Sensors

5/8 – 18 FAMILY

**Full Thread – Power Output**

<table>
<thead>
<tr>
<th>Ordering Part #</th>
<th>Thread Length (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70085-1010-131</td>
<td>1.80 (45.72)</td>
</tr>
<tr>
<td>70085-1010-214</td>
<td>3.06 (77.72)</td>
</tr>
</tbody>
</table>

**Performance Curves**

Based on 8 D.P. Gear

**Specifications:**
- Output Voltage (Standard): 120 V (P-P)
- Output Voltage (Guarantee Point): 15.1 V (P-P)
- DC Resistance: 250 ohms max.
- Typical Inductance: 40-60 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -55 to +107°C
- Cable Length: 10 ft (3.05 m)
- Net Weight: 5 oz. max.

**Full Thread – General Purpose**

<table>
<thead>
<tr>
<th>Ordering Part #</th>
<th>Thread Length (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70085-1010-078</td>
<td>1.80 (45.72)</td>
</tr>
<tr>
<td>70085-1010-137</td>
<td>3.06 (77.72)</td>
</tr>
</tbody>
</table>

**Performance Curves**

Based on 20 D.P. Gear

**Specifications:**
- Output Voltage (Standard): 40 V (P-P)
- Output Voltage (Guarantee Point): 3.4 V (P-P)
- DC Resistance: 130 ohms max.
- Typical Inductance: 33 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -55 to +107°C
- Lead Length: -078, 12 in (30.5 cm)
- -137, 24 in (60.9 cm)
- Net Weight: 3 oz. max.

*Dimensions in inches and (mm).*