

Passive Sensor Selection Guide

| Thread Size | Part Number | Output * Guarantee Voltage (P-P) | Termination | Thread Length (in) | Sensor Length (in) | Agency Approval | Temp Rating (deg C) | Page |
|-------------|----------------|---|-------------|--------------------------|--------------------------|--------------------|------------------------|------|
| 3/4-20 | 70085-1010-405 | 9.4 | Cable | 2.75 | 4 | X | -55 to 232 | 19 |
| 3/4-20 | 70085-1010-413 | 13.4 | Wires | 1.5 | 2.75 | X | -65 to 100 | 18 |
| 3/4-20 | 70085-1010-005 | 13.4 | Wires | 1.875 | 3.125 | X | -65 to 100 | 18 |
| 3/4-20 | 70085-1010-541 | 13.4 | Cable | 1.88 | 3.13 | X | -40 to 220 | 19 |
| 3/4-20 | 70085-1010-542 | 13.4 | Cable | 2.75 | 4 | X | -40 to 220 | 19 |
| 3/4-20 | 70085-1010-327 | 13.4 | Wires | 2.75 | 4 | X | -65 to 100 | 18 |
| 3/4-20 | 70085-1010-540 | 13.4 | Cable | 4 | 5.25 | X | -40 to 220 | 19 |
| 3/4-20 | 70085-1010-328 | 13.4 | Wires | 4 | 5.25 | X | -65 to 100 | 18 |
| 3/4-20 | 70085-1010-543 | 13.4 | Cable | 6 | 7.25 | X | -40 to 220 | 19 |
| 3/4-20 | 70085-1010-414 | 13.4 | Wires | 6 | 7.25 | X | -65 to 100 | 18 |
| 3/4-20 | 70085-3030-222 | 13.4 | Cable | 2.75 | 4 | X | -65 to 95 | 20 |
| M16 x 1.5 | 70085-1010-425 | 4.9 | Connector | 3 | 4.125 | | -55 to 107 | 12 |
| M16 x 1.5 | 70085-3030-235 | 13.4 | Cable | 1.5 | 2.75 | X | -65 to 95 | 20 |
| M16 x 1.5 | 70085-3030-237 | 13.4 | Cable | 1.5 | 2.75 | X | -65 to 95 | 20 |
| 5/8-18 | 70084-1713-111 | 13.4 | Connector | 1.125 | 2.5 | | -40 to 150 | 11 |
| 5/8-18 | 70085-1010-001 | 3.4 | Connector | 1.125 | 2.25 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-003 | 3.4 | Connector | 2.625 | 3.75 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-018 | 3.4 | Connector | 3.625 | 4.75 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-118 | 3.4 | Connector | 5 | 6.125 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-002 | 12.9 | Connector | 1.125 | 2.25 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-175 | 12.9 | Connector | 2.625 | 3.75 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-026 | 12.9 | Connector | 3.625 | 4.75 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-408 | 12.9 | Connector | 5 | 6.125 | | -55 to 107 | 8 |
| 5/8-18 | 70085-1010-028 | 21.5 | Connector | 1.437 | 2.53 | | -70 to 107 | 9 |
| 5/8-18 | 70085-1010-004 | 4.3 | Wires | 1.125 | 2.125 | | -70 to 107 | 9 |
| 5/8-18 | 70085-1010-469 | 4.3 | Wires | 2.750 | 3.75 | | -70 to 107 | 9 |
| 5/8-18 | 70085-1010-131 | 15.1 | Cable | 1.687 | 1.687 | | -55 to 107 | 10 |
| 5/8-18 | 70085-1010-214 | 15.1 | Cable | 2.937 | 2.937 | | -55 to 107 | 10 |
| 5/8-18 | 70085-1010-078 | 3.4 | Wires | 1.812 | 1.812 | | -55 to 107 | 10 |
| 5/8-18 | 70085-1010-137 | 3.4 | Wires | 2.937 | 2.937 | | -55 to 107 | 10 |
| 5/8-18 | 70085-1010-220 | 12.8 | Wires | 2.937 | 2.937 | | -55 to 107 | 11 |
| 5/8-18 | 70085-1010-421 | 4.9 | Connector | 2.475 | 3.6 | | -55 to 107 | 12 |
| 5/8-18 | 70085-1010-424 | 4.9 | Connector | 4.493 | 5.618 | | -55 to 107 | 12 |
| 5/8-18 | 70085-1010-081 | 13.4 | Wires | 1.5 | 2.75 | X | -65 to 100 | 18 |
| 5/8-18 | 70085-1010-544 | 13.4 | Cable | 1.88 | 3.13 | X | -40 to 220 | 19 |
| 5/8-18 | 70085-1010-411 | 13.4 | Wires | 1.875 | 3.125 | X | -65 to 100 | 18 |
| 5/8-18 | 70085-1010-329 | 13.4 | Wires | 2.75 | 4 | X | -65 to 100 | 18 |
| 5/8-18 | 70085-1010-330 | 13.4 | Wires | 4 | 5.25 | X | -65 to 100 | 18 |
| 5/8-18 | 70085-1010-412 | 13.4 | Wires | 6 | 7.25 | X | -65 to 100 | 18 |
| 5/8-18 | 70085-1010-404 | 13.4 | Cable | 1.5 | 2.75 | X | -55 to 220 | 19 |
| 5/8-18 | 70085-1010-406 | 13.4 | Cable | 2.75 | 4 | X | -55 to 220 | 19 |
| 5/8-18 | 70085-1010-417 | 13.4 | Cable | 4 | 5.25 | X | -55 to 220 | 19 |
| 5/8-18 | 70085-1010-420 | 13.4 | Cable | 6 | 7.25 | X | -55 to 220 | 19 |
| 5/8-18 | 70085-1010-403 | 9.4 | Cable | 1.5 | 2.75 | X | -55 to 232 | 19 |
| 5/8-18 | 70085-1010-415 | 9.4 | Cable | 4 | 5.25 | X | -55 to 232 | 19 |
| 5/8-18 | 70085-1010-416 | 9.4 | Cable | 6 | 7.25 | X | -55 to 232 | 19 |
| 5/8-18 | 70085-3030-111 | 13.4 | Cable | 1.5 | 2.75 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-112 | 13.4 | Cable | 2.75 | 4 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-113 | 13.4 | Cable | 4 | 5.25 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-114 | 13.4 | Cable | 6 | 7.25 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-211 | 9.4 | Cable | 1.5 | 2.75 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-212 | 13.4 | Cable | 2.75 | 4 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-213 | 9.4 | Cable | 4 | 5.25 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-3030-214 | 9.4 | Cable | 6 | 7.25 | X | -65 to 95 | 20 |
| 5/8-18 | 70085-8080-003 | 12.8 | Wires | 1.812 | 1.812 | | -55 to 107 | 11 |

* Output is based on .030" air gap at 500 IPS

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|-------------|----------------|---|-------------|--------------------------|--------------------------|--------------------|------------------------|------|
| 3/8-24 | 70085-1010-007 | 1.6 | Wires | 0.812 | 1.252 | | -55 to 107 | 13 |
| 3/8-24 | 70085-1010-056 | 1.6 | Wires | 3.625 | 4.065 | | -55 to 107 | 13 |
| 3/8-24 | 70085-1010-086 | 3.6 | Wires | 0.812 | 1.252 | | -55 to 107 | 13 |
| 3/8-24 | 70085-1010-355 | 3.6 | Wires | 0.812 | 1.252 | | -55 to 107 | 13 |
| 3/8-24 | 70085-1010-041 | 2 | Wires | 0.812 | 1.252 | | -73 to 232 | 14 |
| 3/8-24 | 70085-1010-428 | 2 | Wires | 1.5 | 1.94 | | -73 to 232 | 14 |
| 3/8-24 | 70085-1010-458 | 2 | Wires | 3.625 | 4.065 | | -73 to 232 | 14 |
| 3/8-24 | 70085-1010-174 | 3.6 | Wires | 0.812 | 1.252 | | -65 to 220 | 14 |
| 3/8-24 | 70085-8080-001 | 4.2 | Wires | 1.5 | 1.5 | | -55 to 107 | 15 |
| .375 no thd | 70085-1010-314 | 4.2 | Cable | 1.375 | 1.375 | | -30 to 85 | 15 |
| .375 no thd | 70085-8080-004 | 4.2 | Cable | 2.5 | 2.5 | | -30 to 85 | 15 |
| 1/4-40 | 70085-1010-024 | 0.4 | Wires | 0.687 | 1 | | -73 to 232 | 16 |
| 1/4-40 | 70085-1010-472 | 0.4 | Wires | 0.687 | 1.187 | | -73 to 232 | 16 |
| 1/4-40 | 70085-1010-227 | 0.4 | Wires | 1.687 | 2 | | -73 to 232 | 16 |
| 10-32 | 70085-1010-037 | 0.6 | Wires | 0.5 | 0.5 | | -55 to 107 | 17 |
| 10-32 | 70085-1010-299 | 0.6 | Wires | 1.25 | 1.25 | | -55 to 107 | 17 |
| 10-32 | 70085-1010-182 | 0.3 | Wires | 0.5 | 0.5 | | -73 to 232 | 17 |
| 10.32 | 70085-1010-289 | 0.3 | Wires | 1.25 | 1.25 | | -73 to 232 | 17 |

* Output is based on .030" air gap at 500 IPS