



**MSP Series  
Magnetic Speed Pickups (Speed Sensors)**



Part No.	Thread Specification	Thread Length mm (in)	Harness Length	Shielded	Connector	With Mating Connector	Pilot Drill Size (in)	Resistance Rating (26 °C) Ω
<b>3/8-24 UNF</b>								
<a href="#">MSP6729</a>	<a href="#">3/8-24 UNF</a>	69 (2.7)	1.8 m (6 ft)	Yes	Flying Leads	No	0.332	550-960
<a href="#">MSP6730</a>	<a href="#">3/8-24 UNF</a>	43 (1.7)	1.8 m (6 ft)	Yes	Flying Leads	No	0.332	550-960
<a href="#">MSP6731</a>	<a href="#">3/8-24 UNF</a>	102 (4)	1.8 m (6 ft)	Yes	Flying Leads	No	0.332	550-960
<a href="#">MSP6737</a>	<a href="#">3/8-24 UNF</a>	69 (2.7)	152 mm (6 in)	Yes	Push on Terminals	No	0.332	550-960
<a href="#">MSP6740</a>	<a href="#">3/8-24 UNF</a>	43 (1.7)	1.8 m (6 ft)	Yes	Packard	No	0.332	550-960
<a href="#">MSP6742</a>	<a href="#">3/8-24 UNF</a>	69 (2.7)	0.3 m (1 ft)	Yes	Flying Leads	No	0.332	550-960
<b>5/8-18 UNF</b>								
<a href="#">MSP674</a>	<a href="#">5/8-18 UNF</a>	76 (3)	Integrated	No	Military	No	0.578 (37/64)	913 ± 20%
<a href="#">MSP675</a>	<a href="#">5/8-18 UNF</a>	81 (3.2)	178 mm (7 in)	No	Flying Leads	No	0.578 (37/64)	144-250
<a href="#">MSP676</a>	<a href="#">5/8-18 UNF</a>	127 (5)	305 mm (12 in)	No	Flying Leads	No	0.578 (37/64)	144-250
<a href="#">MSP677</a>	<a href="#">5/8-18 UNF</a>	76 (3)	Integrated	No	Military	No	0.578 (37/64)	144-250
<a href="#">MSP678</a>	<a href="#">5/8-18 UNF</a>	123 (4.8)	Integrated	No	Military	No	0.578 (37/64)	144-250
<a href="#">MSP679</a>	<a href="#">5/8-18 UNF</a>	76 (3)	Integrated	No	Military	Yes	0.578 (37/64)	144-250
<a href="#">MSP6710</a>	<a href="#">5/8-18 UNF</a>	123 (4.8)	Integrated	No	Military	Yes	0.578 (37/64)	144-250
<a href="#">MSP6719</a>	<a href="#">5/8-18 UNF</a>	60 (2.4)	0.3 m (1 ft)	No	Flying Leads	No	0.578 (37/64)	144-250
<a href="#">MSP6720</a>	<a href="#">5/8-18 UNF</a>	98 (3.9)	0.3 m (1 ft)	No	Flying Leads	No	0.578 (37/64)	144-250
<a href="#">MSP6721</a>	<a href="#">5/8-18 UNF</a>	81 (3.2)	70 mm (2.8 in)	No	Automotive	No	0.578 (37/64)	144-250
<a href="#">MSP6721C</a>	<a href="#">5/8-18 UNF</a>	81 (3.2)	70 mm (2.8 in)	No	Automotive	Yes	0.578 (37/64)	144-250
<a href="#">MSP6722</a>	<a href="#">5/8-18 UNF</a>	60 (2.4)	152 mm (6 in)	Yes	Push on Terminals	No	0.578 (37/64)	144-250
<a href="#">MSP6728</a>	<a href="#">5/8-18 UNF</a>	81 (3.2)	159 mm (6.3 in)	No	Packard	No	0.578 (37/64)	144-250
<a href="#">MSP6728C</a>	<a href="#">5/8-18 UNF</a>	81 (3.2)	159 mm (6.3 in)	No	Packard	Yes	0.578 (37/64)	144-250
<a href="#">MSP6732</a>	<a href="#">5/8-18 UNF</a>	80 (3.1)	83 mm (3.3 in)	No	Dual Packard	No	0.578 (37/64)	180 ± 20%
<a href="#">MSP6732C</a>	<a href="#">5/8-18 UNF</a>	80 (3.1)	83 mm (3.3 in)	No	Dual Packard	Yes	0.578 (37/64)	144-250
<a href="#">MSP6743</a>	<a href="#">5/8-18 UNF</a>	89 (3.5)	Integrated	No	#8-32NC-2A stud term.	No	0.578 (37/64)	1200 ± 10%
<b>3/4-16 UNF</b>								
<a href="#">MSP6724</a>	<a href="#">3/4-16 UNF</a>	88 (3.5)	76 mm (3 in)	No	Automotive	No	0.688 (11/16)	144-250
<a href="#">MSP6724C</a>	<a href="#">3/4-16 UNF</a>	88 (3.5)	76 mm (3 in)	No	Automotive	Yes	0.688 (11/16)	144-250
<a href="#">MSP6734</a>	<a href="#">3/4-16 UNF</a>	88 (3.5)	108 mm (4.3 in)	No	Flying Leads	No	0.688 (11/16)	144-250
<a href="#">MSP6735</a>	<a href="#">3/4-16 UNF</a>	88 (3.5)	76 mm (3 in)	No	Packard	No	0.688 (11/16)	180 ± 20%
<a href="#">MSP6744</a>	<a href="#">3/4-16 UNF</a>	58 (2.3)	Integrated	No	#8-32NC-2A stud term.	No	0.688 (11/16)	1200 ± 10%
<b>M16 x 1.5 UNF</b>								
<a href="#">MSP6714</a>	<a href="#">M16 x 1.5 UNF</a>	76 (3)	Integrated	No	Military	No	14 mm	144-250
<a href="#">MSP6715</a>	<a href="#">M16 x 1.5 UNF</a>	76 (3)	Integrated	No	Military	Yes	14 mm	144-250
<a href="#">MSP6723</a>	<a href="#">M16 x 1.5 UNF</a>	79 (3.1)	76 mm (3 in)	No	Automotive	No	14 mm	180 ± 20%
<a href="#">MSP6723C</a>	<a href="#">M16 x 1.5 UNF</a>	79 (3.1)	76 mm (3 in)	No	Automotive	Yes	14 mm	180 ± 20%
<a href="#">MSP6739</a>	<a href="#">M16 x 1.5 UNF</a>	79 (3.1)	76 mm (3 in)	No	Packard	No	14 mm	144-250
<a href="#">MSP6745</a>	<a href="#">M16 x 1.5 UNF</a>	127 (5)	Integrated	No	Military	No	14 mm	144-250
<b>M18 x 1.5 UNF</b>								
<a href="#">MSP6741</a>	<a href="#">M18 x 1.5 UNF</a>	58 (2.3)	228 mm (9 in)	No	Metri-Pack 150 (unsealed)	No	0.656 (21/32)	265 ± 10%
<a href="#">MSP6746</a>	<a href="#">M18 x 1.5 UNF</a>	69 (2.7)	0.46 m (1.5 ft)	No	Automotive	No	0.656 (21/32)	265 ± 10%

**MSP Series Cable Harness Assembly**

Cable Harnesses	Connector Make	Connector Configuration	Harness Length	Shielding
CH1204 - Military	Amphenol	Straight - EC1100, 2 terr	10 ft. (3 m)	Yes
CH1205 - Military	Amphenol	90° - EC1100, 2 term.	10 ft. (3 m)	Yes
CH1206 - Automotive	MSP Automotive	Automotive, 2 term.	4 ft. (1.2 m)	No
CH1207 - Automotive	MSP Automotive	Automotive, 2 term.	10 ft. (3 m)	Yes
CH1211 - Military	Amphenol	Straight - EC1100, 2 terr	27 ft. (8.2 m)	Yes
CH1219 - Packard	Packard	2 terminal	10 ft. (3 m)	Yes
CH1235 - Military	Amphenol	Straight - EC1100, 2 terr	13 ft. (4 m)	Yes



**MSP Series Mating Connectors**

Mating Connectors	Connector Make	Connector Configuration	Weather Boot
EC1100 - Military	Amphenol	Mating Conn. Kit - Strai	Yes
EC1110 - Military	Amphenol	Mating Conn. Kit - 90°, 2	Yes
EC1350	Packard	Connector Kit, 2 term.	No
EC1360	Packard	Connector Kit Replacem	No
EC1518	Metri-Pack	Mating Conn. Kit, 2 term	No

