



SENSORS: Inductive Sensor and Generator-type Sensor

MOTOMETER

powered by solutions

Inductive sensors are used in vehicles and machines to measure the revolutions per minute of rotating shafts, axles or wheels. The number of teeth of a toothed pulley or the holes of a holed pulley are counted by induction. The produced pulses will be transmitted to a revolution counter which will show the revolutions per minute taking into account the pulses per revolution.

The Inductive Sensor

The MOTOMETER Inductive Sensors are available with different threads and in different lengths. All sensors are sealed with a special compound substance inside and equipped with standard connectors or standard plugs. The induced voltage depends on the number of pulses.

The Generator-type Sensor

generates electrical pulses according to the rotation of a shaft.

Compatible with MOTOMETER revolution counters

646.081 xxxx

In addition to the listed standard inductive sensors, we can also offer you customised solutions.

Length	Thread	Special feature	Part No.
4.5 mm	5/8-18UNF 5	with angled screw coupling	674.500.1009
26.0 mm	M18 x 1.5		674.004.1017
26.0 mm	5/8-18UNF		674.004.1036
28.5 mm	3/4"-16UNF-2A	(for VOLVO: Part No. 674 004 1002)	674.004.1022
30.5 mm	M16 x 1.5	with lock nut	674.004.1027
32.0 mm	M20 x 1.5		674.004.1007

MOTOMETER GmbH

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Length	Thread	Special feature	Part No.
40.5 mm	M16 x 1.5	with lock nut	674.004.1018
40.5 mm	M16 x 1.5	with angled screw coupling and lock nut	674.500.1005
40.5 mm	M18 x 1.5	with lock nut	674.004.1024
40.5 mm	M18 x 1.5	with angled screw coupling and lock nut	674.00.1008
40.5 mm	3/4"-16UNF-2A	with lock nut	674.004.1015
40.5 mm	3/4"-16UNF-2A	with angled screw coupling and lock nut	674.500.1003
54.5 mm	5/8-18UNF		674.004.1021
54.5 mm	5/8-18UNF		674.004.1026
54.5 mm	5/8-18UNF	with lock nut	674.004.1023
54.5 mm	5/8-18UNF	with angled screw coupling	674.500.1007
55.5 mm	M18 x 1.5	with lock nut	674.004.1012
55.5 mm	M18 x 1.5	with angled screw coupling and lock nut	674.500.1002
69.0 mm	M18 x 1.5		674.004.1016
69.0 mm	M18 x 1.5	with angled screw coupling	674.500.1004
70.5 mm	M18 x 1.5	with lock nut	674.004.1014
70.5 mm	M18 x 1.5	with angled screw coupling and lock nut	674.500.1001
79.0 mm	M18 x 1.5		674.004.1006
80.0 mm	5/8-18UNF	with lock nut	674.004.1030
90.0 mm	M18 x 1.5	with cable and AMP-connector	674.004.1034
10.5 mm	M20 x 1.5	with lock nut	674.004.1010
118.0 mm	M20 x 1.5	with cable and AMP-connector	674.004.1035
	M22 x 1.5	Generator type	674.005.1002

All data subject to technical changes.

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