



# 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. Since a short time you successively receive the inductive sensors without chrome 6.

### **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.

<b>Length</b>	<b>Thread</b>	<b>Special feature</b>	<b>Part No.</b>
26.0 mm	M18 x 1.5	CR6 free, inductive	674.004.1045
40.5 mm	M16 x 1.5	CR6 free, inductive, with lock nut	674.004.1046
40.5 mm	M16 x 1.5	with angled screw coupling	674.500.1012
40.5 mm	3/4-16UNF	CR6 free, inductive, with lock nut	674.004.1044
54.5 mm	5/8-18UNF	CR6 free, inductive, with lock nut	674.004.1047

### **MOTOMETER GmbH**

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Length	Thread	Special feature	Part No.
55.5 mm	M18 x 1.5	CR6 free, inductive, with angled screw coupling	674.004.1043
55.5 mm	M18 x 1.5	with angled screw coupling and lock nut	674.500.1011
70.0 mm	5/8-18UNF	CR6 free, inductive, cable 220mm	674.004.1056
79.0 mm	M18 x 1.5	CR6 free, inductive	674.004.1042
80.0 mm	5/8-18UNF	CR6 free, inductive, with lock nut	674.004.1049
90.0 mm	M18 x 1.5	CR6 free, inductive, cable 500mm, AMP-connector	674.004.1051
118.0 mm	M20 x 1.5	CR6 free, inductive, cable 500mm, AMP-connector	674.004.1052
	M22 x 1.5	Generator type	674.005.1002

All data subject to technical changes.

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