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.

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.

SENSORS:
Inductive Sensor and Generator-type Sensor

Length	Thread	Feature	Part No.
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 - 16 UNF	CR6 free, inductive, with lock nut	674 004 1044
54,5 mm	5/8 - 18 UNF	CR6 free, inductive	674 004 1048
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 - 18 UNF	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 - 18 UNF	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

All data subject to technical changes.

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