MT Pulse Transducer

The MT pulse transducer has been specially developed for measurement of the wheel speed of vehicles. The calculation of wheel speed, distance and vehicle speed is possible.

- Protection class IP67
- Sturdy and weather-resistant
- Direction detection
- Easy mounting and fast setup time
- Fast changing of different pulse transducers

MT incl. Peiseler plate

Technical data

Maximum speed:	300 km/h
Pulses:	25 - 5000 pulses/rev
Pulse output:	2 channels, n-pulses/rev, 90° shifted
Direction signal:	Square wave signal, 100 Ω protective resistor
Output voltage:	5 V
Connection:	5 pin Binder
Power supply:	5 - 26 VDC
Power consumption:	max. 60 mA
Protection class:	IP67
Temperature range:	-40 - +80 °C
Cable length:	5 m
Dimensions:	Ø 69 mm x 62 mm

Mounting example on vehicle

Description

The easy assembly of the MT is done through a robust clamping system which attaches the special Peiseler plate directly to the rim in combination with a flexible mounting, optional as suction- or magnetic version.

Application

The MT is suitable to perform slip, acceleration, ABS and consumption tests. It also provides support for IMU and various other measurement tasks.
It is available with 25 - 5000 pulses per revolution (others on request).

Delivery scope

- Pulse transducer (Art.-No. on side 2, incl.:)
- Signal cable 5 m
- Mounting rod 600 mm
- Suction- / magnetic mounting (RS or RM)
  RS = suction mount / RM = magnetic mount
- Certification of calibration

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Improvements and technical changes without any announcement.

MT Pulse Transducer

Pulse transducer

Model	Pulses/rev	Mounting	Art.-No.
MT 100/e	100	RS	**1281 RS**
		RM	**1281 RM**
MT 360/e	360	RS	**1291 RS**
		RM	**1291 RM**
MT 500/e	500	RS	**1283 RS**
		RM	**1283 RM**
MT 1000/e	1000	RS	**1285 RS**
		RM	**1285 RM**
MT 2000/e	2000	RS	**1289 RS**
		RM	**1289 RM**
MT 4000/e	4000	RS	**1290 RS**
		RM	**1290 RM**
MT 5000/e	5000	RS	**1293 RS**
		RM	**1293 RM**

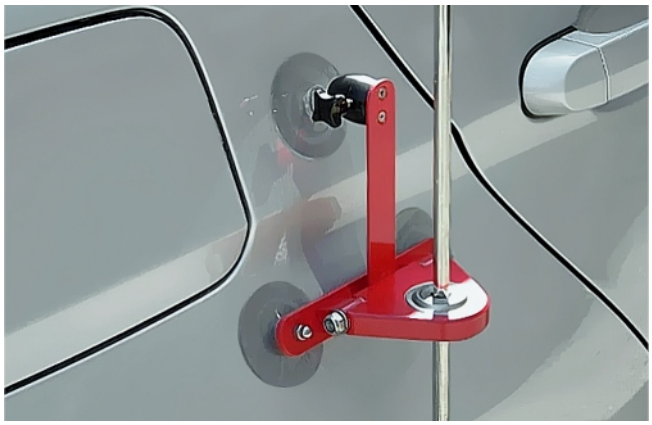
Accessories

Product	Art.-No.
Peiseler plate, 3-, 4-, 5-hole rim	**1420**
3-hole centering	**1425**
4-hole centering	**1426**
5-hole centering	**1427**
Clamp SW 17	**1430**
Clamp SW 19	**1431**
Clamp SW 21	**1432**
Transport case, 850 x 310 x 150 mm	**1299**

Individual versions of pulse transducers, clamps, connections and mountings on request.

Mounting

The pulse transducer is fixed with the Peiseler plate and the appropiate clamp on the wheel bolts or wheel nuts. The attachment on the fender can be made with below mentioned suction- or magnetic mounting.



RS / 3-point suction mounting

RM / Magnetic mounting

Peiseler plate
with 5-hole centering

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