

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

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).

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:	6 - 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

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

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

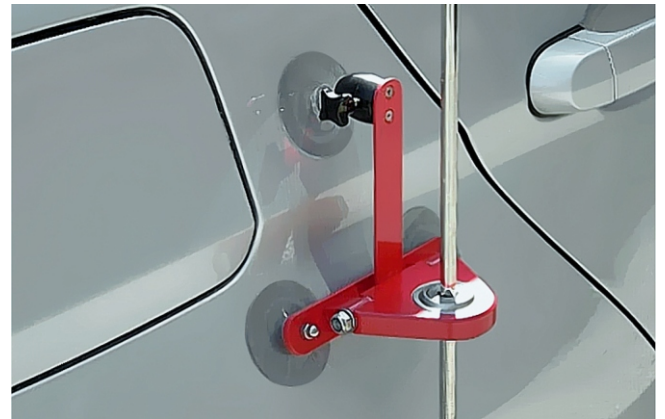
Accessories

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 appropriate 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