

SENSOR FOR SMART TACHOGRAPHS LESIKAR TACH3

FEATURES:

- Sensor provides signal for smart tachographs according to EU directive 165/2014, 799/2016 and ISO standard 16844-3
- Encrypted communication with the tachograph unit on one channel and on the second channel it sends pulses proportional to the rotation of the toothed wheel
- Sensor is able to work with tachograph units of previous generation (digital tachograph)
- Case with M8 mounting thread and DIN 72585 connector (ISO 15170 4-poles)
- Possible variants with divider 4:1, for example type M171.4 = M171 type with 4:1 divider

SPECIFICATIONS:

Sensitivity	0,5 to 2,0 mm with copper washer and standard pulse wheel, depending on pulse wheel sensitivity can be up to 3 mm
Frequency	1 – 2000 HZ
Input Voltage	6,5 to 9 VDC (28 VDC/1 min)
Input Current	Max. 15mA
Temperature Range	-40 to +135°C
Sealing	IP 68
Max. Torque	50 Nm

Reverse polarity protection, surge and vibration (20 g) resistance, oil products resistance.

TABLE OF THE SENSING PART LENGTH:

Sensor type	M171	M171.1	M172	M173	M174	M175	M176
Overall length „L+1/-1 (mm)“	82,3	86,3	87,5	97,5	125,7	152,5	177,5
Length „LS+0,33/-0,12“ (mm)	19,8	23,8	25,0	35,0	63,2	90,0	115,0

1,2 washer – WT: 1,2±0,1 mm

1,8 washer – WT: 1,8±0,1 mm

*M171:1 with O ring, w/o washer

PICTURE:



MOUNTING DIMENSIONS:

- 1) Brass front 2) Washer 3) Case 4) Connector

PIN	WIRING
1	+U
2	0(GND)
3	SPEED SIGNAL
4	DATA

