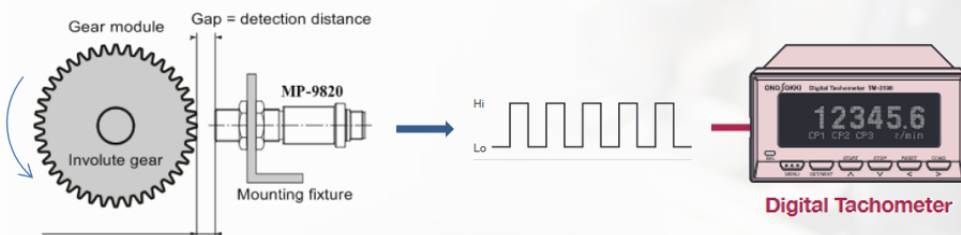


## Measuring instrument accessories

### Vibration transducer MP-981 MP-9820



#### Product description

Contactless mounted, magnetic-electric sensors are used to precisely measure the speed at gear rims and gearboxes.

#### Measurements on:

- Rotating machines
- Vehicles
- Production plants

#### Benefits

- Compact magneto-electric Hall sensor for non-contact speed measurement on gearboxes or gear rims in a wide speed range

Features

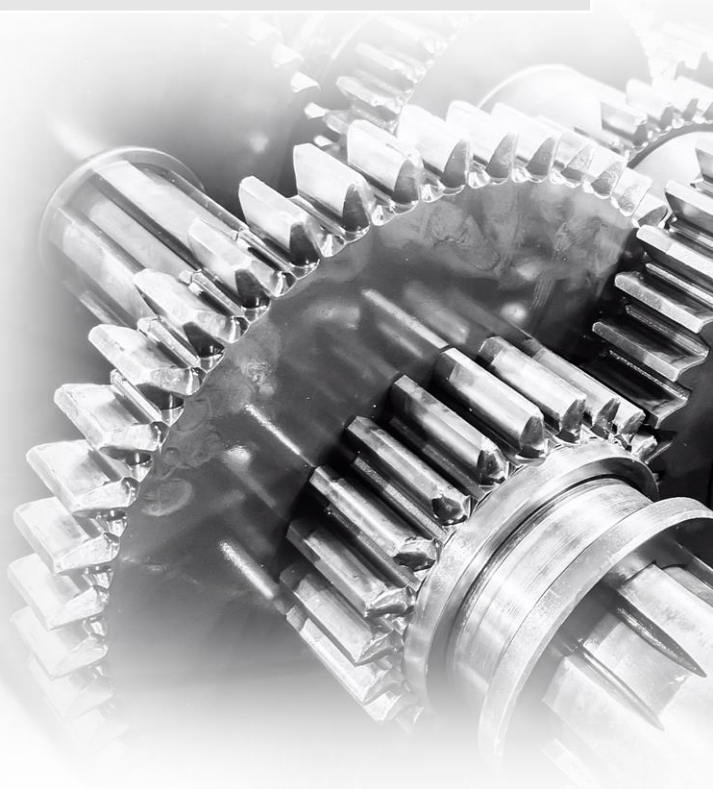
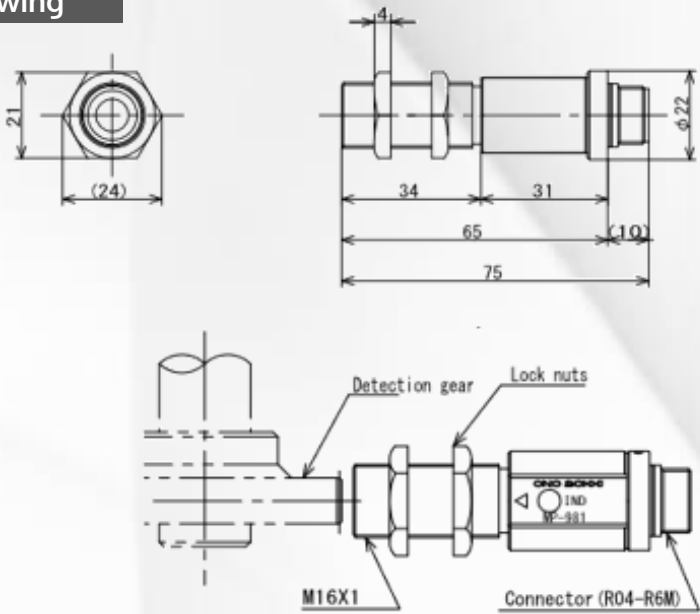
- Compact and lightweight Hall sensor for magneto-electric speed detection.
- Ideal for Ono Sokki digital tachometers of the TM-3100 series
- Wide measuring range from 1 Hz to 100 kHz (MP-9820)
- Easy function test with integrated LED signal indicator
- Individual mounting options with M6x1 screw connection
- Robust connector plug (R04-R6M)

Technical data



Characteristics	Technical values
Measuring principle	Hall element (electro-magnetic)
Material recognition	Strong magnetic tooth width ≥ 3mm
Frequency range	1 Hz ...20 kHz (MP-981) 1 Hz ...100 kHz (MP-9820)
Speed range	1 bis 100.000 U/min bei 60P/R-gear
Impedance (output)	ca. 330 Ω
Module	0.5 to 3.0
Power supply	12V ± 2V, ca. 40 mA
Temperature range	-10°C ... 70°C
Weight	0.110 kg

Drawing



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