

# CMAC 5030K-Z2

## Laser tachometer kit – ATEX certified

The CMAC 5030K-Z2 laser tachometer kit contains a small tachometer that is ATEX certified; the sensor is designed for use in hazardous areas with certified hazardous area equipment. This kit is primarily designed for phase-related rotational speed applications, including very high speed monitoring.

Along with the tachometer, this kit includes a bracket for mounting the tachometer directly to the SKF Microlog using the camera mount located on the bottom of the SKF Microlog. The kit also includes a two-meter cable to connect the tachometer to the SKF Microlog and a small tripod for a stationary mounting of the tachometer during the measurement. The key features of this laser tachometer kit include:

- Tachometer is ATEX certified
- Operating frequency up to 250 000 r/min
- Long optical range, up to 2 m (6.56 ft.)
- Wide angle of operation, up to 80°
- On target indicator standard
- Protection rating: IP 67
- Integral connector
- Stainless steel housing
- Threaded or plain housing options
- Reverse polarity and short circuit protected

### Specifications

- Material: Stainless steel housing
- Color: Silver
- Optical range: 100 to 2 000 mm (0.33 to 6.56 ft.)
- Cable: Fischer seven pin type 103 to four pin socket, 2 m (6.56 ft.)
- Angle of incidence: ±80°
- Speed range: 0,1 to 250 000 r/min
- Power input: 5 V DC at 30 mA typically
- Operating temperature: -10 to +40 °C (15 to 105 °F)
- IP rating: IP 67
- Housing types: M20 threaded or plain body plus fixing slots
- Connections: Integral connector
- Dimensions: 70 × 20 mm (2.76 × 0.79 in.)
- ATEX certification: BAS02ATEX3259X
  - Ex II 3 G
  - EEx nL IICT6

### Kit contents

- Compact laser tachometer
- CMAC 5215: Mounting bracket
- Reflective tape strips
- CMAC 5216: Mini mounting tripod
- CMAC 5214: Tachometer interface cable, 2 m (6.56 ft.)



- CMXA 45
- CMXA 45/75-Z2
- CMXA 48
- CMXA 48/80-Z2
- CMXA 51-IS
- CMXA 70/44
- CMXA 75
- CMXA 80



Compact laser tachometer



CMAC 5215 mounting bracket



Reflective tape strips



CMAC 5216 mini mounting tripod



CMAC 5214 tachometer interface cable

### Ordering information

- CMAC 5030K-Z2 Laser tachometer kit – ATEX certified. Each kit includes a compact laser tachometer, mounting bracket, cable and mini tripod.

### Optional accessories

- CMAC 5215 Mounting bracket
- CMAC 5216 Mini mounting tripod