

Knowledge Base Article

Product Group: Microlog Analyzer

Product: CMXA 80 – Microlog AX

Version: N/A

Abstract

This article describes what cables are needed to be able to use a laser tachometer with a SKF Microlog Analyzer CMXA 80 data collector.

Overview

The SKF Microlog Analyzer CMXA 80 requires different cables than the CMVA series Microlog Analyzer to connect to a laser tachometer. There are a couple different configurations to choose from.

If an external tachometer will be used, all that is required is:

- Sensor cable (CMAC5209)
- Tachometer cable (CMAC5211)

For two-channel cross phase data collection, use:

- Two standard sensor cables (CMAC5209)
- Two standard sensors

SKF offers extension cables at 5m and 10m lengths. These extension cables connect the Fischer and standard CMAC5209 coiled cables.

- The CMAC5036 ((5m CHX signal input straight extension cable, 5 m (16.4 ft.) must be used in conjunction with CMAC5209 or CMAC5209-10 cables to extend the length to 5m + default cable length))
- The CMAC5037 ((10m CHX signal input straight extension cable, 10 m (32.8 ft.) must be used in conjunction with CMAC5209 or CMAC5209-10 cables to extend the length to 10m + default cable length))

The extension cables for both CH1/CH2 can be as a 6-pin connector, or a 7-pin connector for a tachometer.

The termination for these cables are BNC connectors.

This works well for the tachometer, but does not mate directly to accelerometers.

The CMCP625 2-Pin to BNC Accelerometer adaptor(s) can be used to mate directly to the accelerometers.

To purchase either of these extension cables, please contact your local SKF sales representative or else e-mail CSG-USA@skf.com.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at TSG-CMC@skf.com.

