

CA 303 Series

Piezoelectric Accelerometers Type CA 303 Series

FEATURES

- Designed for high temperature gas turbine applications
- Continuous operation up to 455°C (850°F)
- High output of 50 pC/g
- Improved transverse frequency resonance

CHARACTERISTICS

- Frequency response:
5 Hz to 3000 Hz
- Sensitivity:
50 pC/g
- Construction:
Welded, Inconel 600 stainless steel

DESCRIPTION

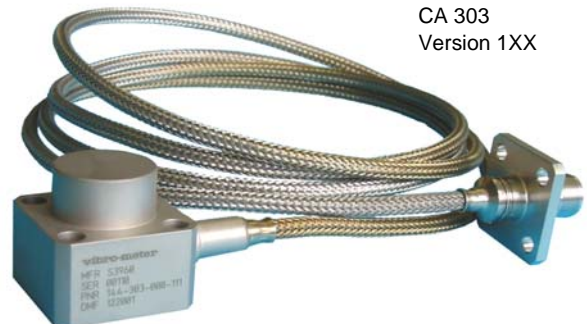
The CA 303 series of high temperature accelerometers are designed specifically for gas turbines applications.

They feature a rugged design with hermetically sealed connectors and 1/4" mounting bolts.

An integral mineral insulated (MI) cable with stainless steel overbraid ensures signal integrity even in the most hostile environments.



CA 303
Version 0XX



CA 303
Version 1XX

(Other versions described later in data sheet)

The differential output signal minimizes noise pick-up due to electrical ground potentials.

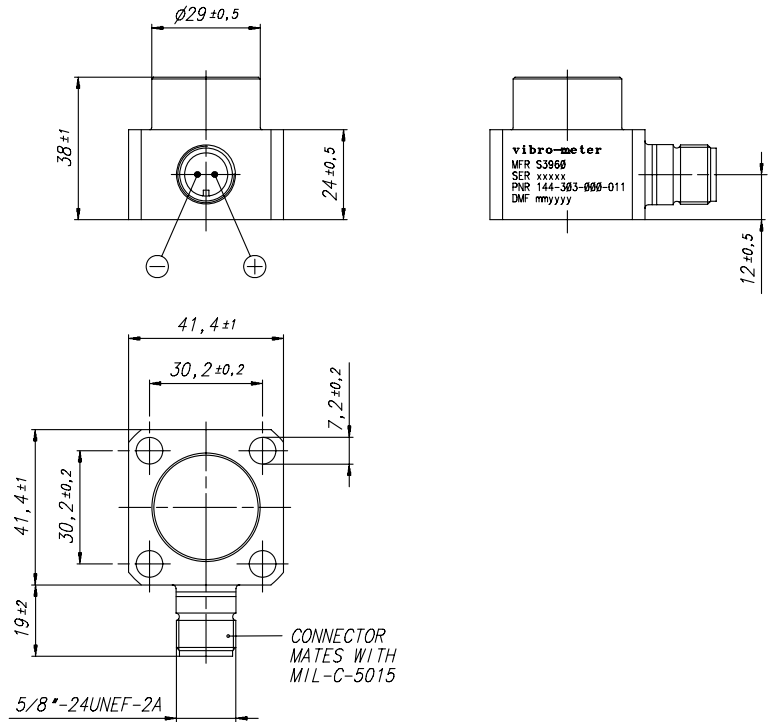
A version with side connector is available when an integral cable is not required.

DIMENSIONS AND ORDERING INFORMATION

CA 303 Version 0XX

Vibro-Meter P/N	VM Corp. P/N
144-303-000-011	303-031

Cable assembly : EC 348

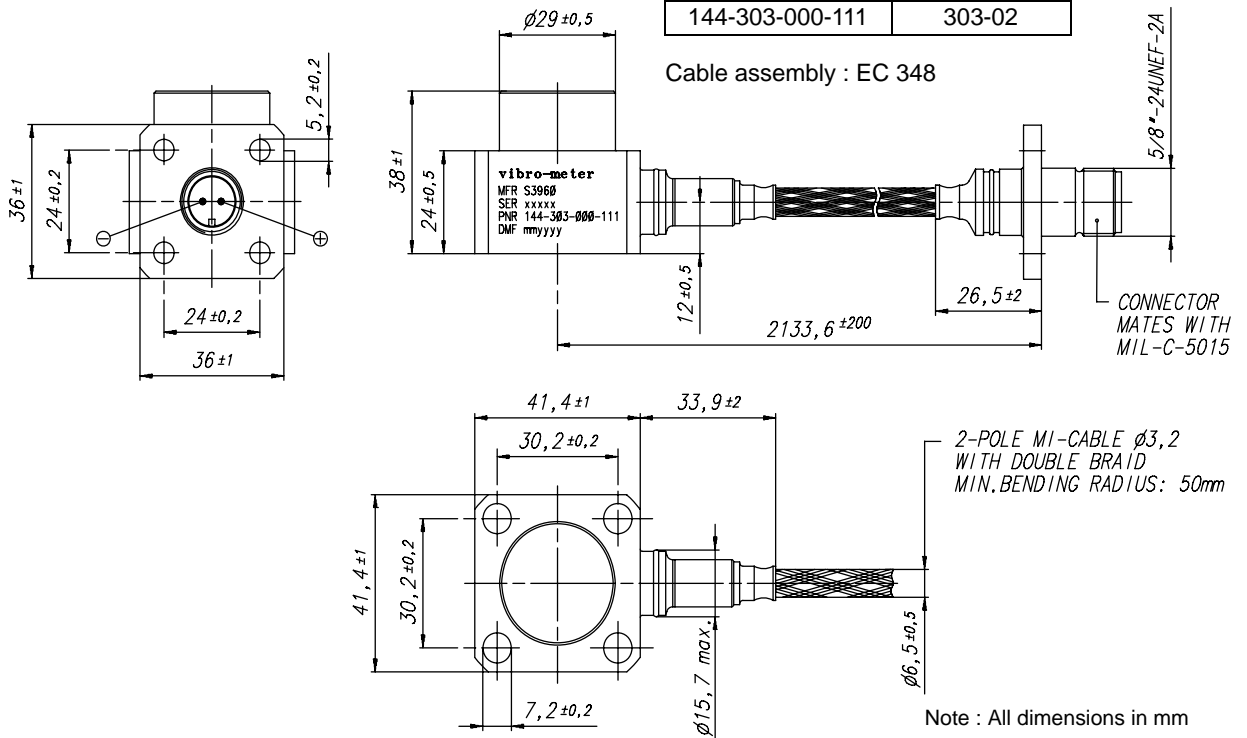


Note : All dimensions in mm

CA 303 Version 1XX

Vibro-Meter P/N	VM Corp. P/N
144-303-000-111	303-02

Cable assembly : EC 348



Note : All dimensions in mm

DIMENSIONS AND ORDERING INFORMATION (Continued)

CA 303 Version 2XX

Vibro-Meter P/N	VM Corp. P/N	Length L in inches	Length L in mm
144-303-000-211	Not applicable	40 ± 4	1016.0 ± 100
144-303-000-221	303-033	81 ± 8	2057.4 ± 200
144-303-000-231	Not applicable	45 ± 4	1143.0 ± 100
144-303-000-241	303-035	53 ± 4	1346.2 ± 100
144-303-000-251	303-039	50 ± 4	1270.0 ± 100
144-303-000-261	303-041	78 ± 4	1981.2 ± 100
144-303-000-271	303-037	104 ± 8	2641.6 ± 200
144-303-000-281	Not applicable	27 ± 4	685.8 ± 100
144-303-000-291	Not applicable	TBD	TBD

Cable assembly : EC 349

