

SYSTEMREPORTER^{BASIC}



- **Robust primary protection system for supervision of objects rotating >120 rpm**
- **Two channels with individual relay outputs and adjustable alarm levels**
- **Separate displays for each channel show the current vibration level**

SYSTEMREPORTER^{BASIC} is designed for basic primary protection of objects rotating at speeds >120 rpm, for example:

- Small hydropower stations
- Pumps
- Diesel engines
- Fans
- Gearboxes
- Generators

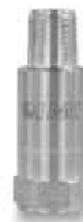
The system consists of a cabinet with hinged front containing two displays and two transducers which are mounted on the objects to be monitored (e.g. motor and pump). Separate displays for each transducer make it easy to read the vibration levels.

Alarm and trip levels can be adjusted individually for each transducer. A timer function can be set for each alarm in order to avoid false alarms due to momentary vibrations.

The cable between the transducers and the cabinet can be several hundred meters. If several objects are to be monitored this allows the cabinets to be placed in a common location, simplifying the surveillance.

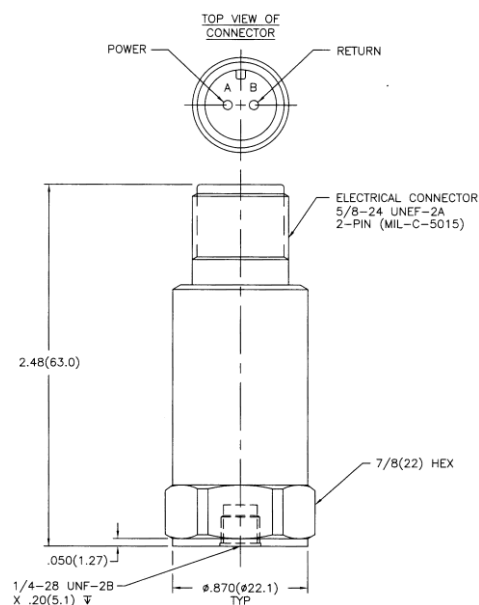
SPECIFICATIONS

- Stainless steel or plastic cabinet, wall mounted with bolts
- Power supply: 230V AC 50/60Hz, 3VA
- Input signal: 4 - 20 mA
- Displays: frequency range 0-25 mm/s. Request separate data sheet from Lagge for more information on the display units
- Output signal: 2 potential-free DPDT relay contacts for alarm or trip, adjustable between 0 - 25 mm/s
- 4 - 20 mA velocity- or acceleration transducers



OPTIONS

- 1 The system can be delivered with transducers with integrated temperature sensors for monitoring of temperature. With two extra display units, this allows for alarm and trip relays for temperature
- 2 Transducers and cables can be delivered with ATEX certificates for use in environments with explosive atmosphere.



info@lagge.se • www.lagge.se

Montörvägen 9
SE-853 50 Sundsvall
Sweden

Tel: +46 60 61 39 47
Fax: +46-(0)60 61 39 67