

## Flow Alarm Signal Model SF

### Descrição

Flow alarm SONED® consists of an alarm device that safely indicates continuity of lubrication to a large range of equipment that require constant or permanent lubrication.

Constituted by a simple and safe electromechanical system, allows easy installation. That is coupled to pipe works between lubricator and equipment to be lubricated by means of common fittings and its function is to alert about lack of lubricant.

This alarm is explosion proof and its application has been intense to protect air compressors, rolling mills, cylinders, pumps, etc.

### Notes

For installation, please observe the following formula:

$$W = V \times A$$

Legend:

W = Power

V = Voltage

A = Electrical current ( 0.5 A maximum)

For larger electrical current, use relays.

### Operation

Flow Alarm may operate in two modes:

- a) NO - Normally open
- b) NC - Normally closed

### Position NO

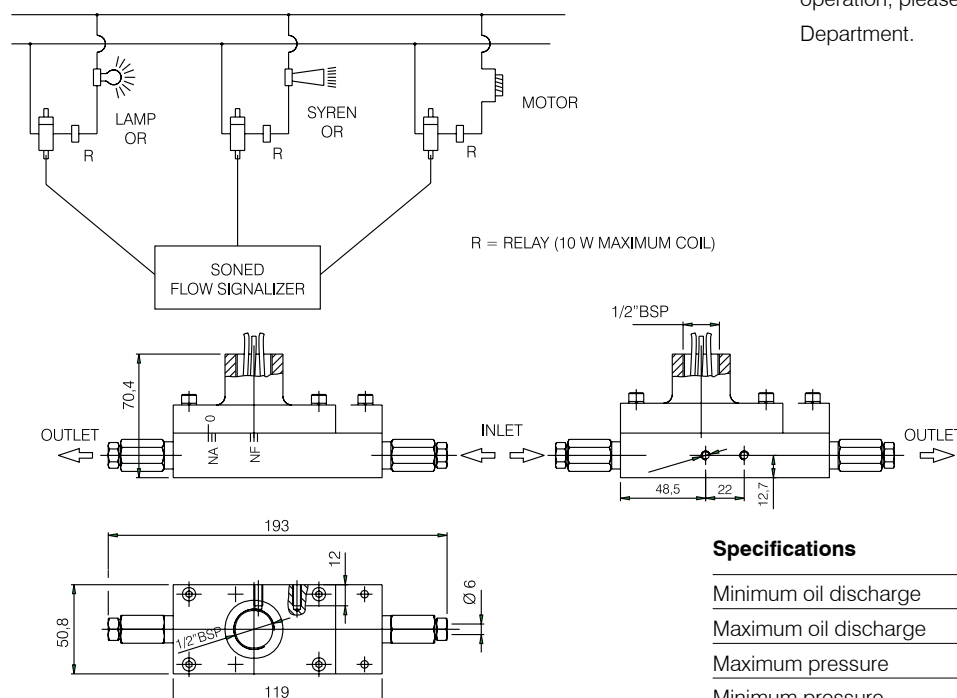
Circuit is open. As lubricant flows along alarm flow, electrical circuit closes and activates alarm. By interrupting flow, it automatically shuts down.

### Position NC

Operation is the inverse as NO.

- For further information on applications and operation, please ask for our Technical Department.

### Electrical diagram



### Specifications

|                       |                              |
|-----------------------|------------------------------|
| Minimum oil discharge | 0.09 cm <sup>3</sup> /minute |
| Maximum oil discharge | 270 cm <sup>3</sup> /minute  |
| Maximum pressure      | 700 kg/cm <sup>2</sup>       |
| Minimum pressure      | 10 kg/cm <sup>2</sup>        |
| Voltage               | 220 volts (maximum)          |
| Current               | 0.5 A (maximum)              |
| Power                 | 10 W (maximum)               |
| Working temperature   | 60 °C (maximum)              |
| Lubricant             | Oil 15 to 500 cSt            |