End-Of-Line Switch

Series **2210800.000**

Centralized grease systems » End-of-line switches

NORTEK FLUIDS TECHNOLOGY

Applications

Pressure control in dual-line grease or air/oil systems and switch over to the other line.

Features

- Pressure control via over-pressure inverter.
- Fixed setting pressure control.
- The switching mechanism is built in a robust steel housing

Description

The end-of-line controls are very important devices in a dual-line grease or air/oil system because they are the only component capable of detecting the correct operation of the pump and/or the circuit tubing and piping.

The end-of-line switch is directly linked to the proper operation of the lubrication cycle in a dual-line system.

Principle of operation and design

In the lubrication cycle the following operating sequence is produced, the pump by means of the electrovalve that controls the lubrication sends lubricant through line 1 and therefore by the end-of-line control, at the moment when the pressure in the piston (A) moves the rod (B) is displayed in the turret, when line 1 is decompressed and line 2 is pressurized, the process is reversed, the rod is hidden.

This model comes with a pressure gauge and a pressure switch to regulate the pressure.

The final line control allows to send an alarm signal or to lock the machine when the pressure reaches the preset value.

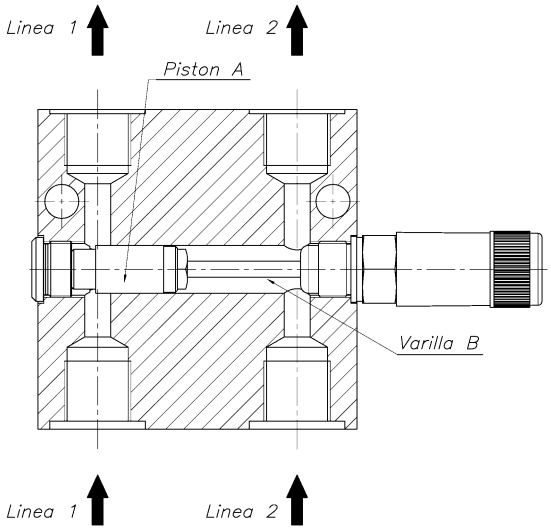


Illustration about Principle of operation

Installation

For proper operation of a dual-line grease or air/oil system, the end-of-line pressure swtich needs to be installed at the end of line, before the last grease or air/oil block. This insures that there is always grease or oil passing through the end-of-line switch.

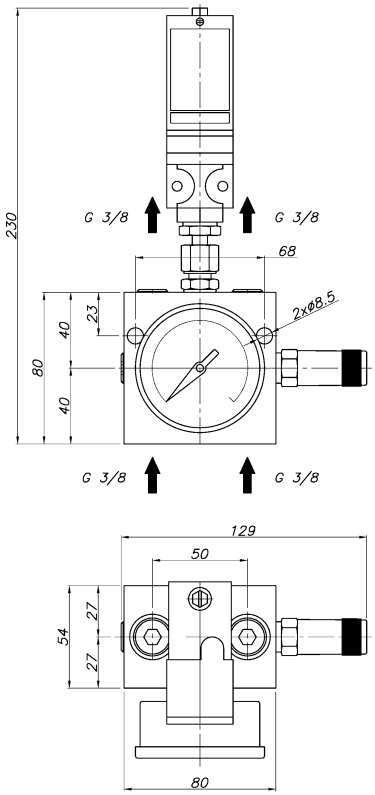
Specifications

Pressure switch	Nortek Ref. 2062027 10 – 160 bar
Pressure gauge	Nortek Ref. 2032731 0 – 250 bar
Regulation Pressure	Max. 160 kg/cm^2
Temperature	- 25 °C + 70 °C
Weight	3,4 kg
Qualities	Electroplated coating of zinc ISO 2081 – Fe/Zn12/A

F00104 | 04/17

Dimensional drawing

Dimensions in mm



Information to order

Specifications	Reference
End-of-line switch	2210800.000

Technical Information and Electrical Connection Diagram

Contacts	1NC +1NO
Electrical Protection	IP66 according to EN/IEC 60068-2-6
Intensity	AC 15 240 V 1.5 A according to EN/IEC 60947-5-1
Breaking capacity	6 KV for 500 V
Cable Inlet	Pg 13.5
Standard	IEC/EN 60947-5-1
	EN - 50047
Frecuency	50/60 Hz
Connection	On terminals, bolts with safety pins
Certifications	EAC
	UL
	LROS
	CSA
	BV
	CCC

Two poles
Snap action
NC+NO