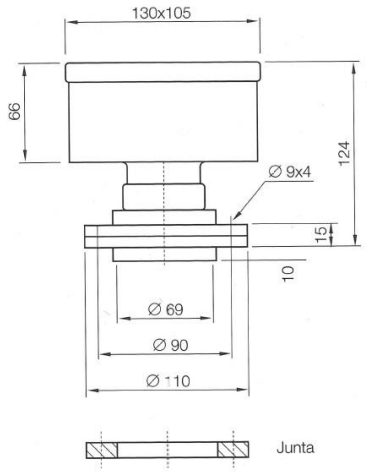
# OVERPRESSURE CONTROLLER FOR BULK MATERIAL SILOS




## General information

Controllers used to signal overpressures that may be generated during silo filling, if carried out by pneumatic pressure systems.
They prevent dents and deformations in the silos.
Supplied adjusted to the working pressure.

## Functioning

A stainless steel membrane is sensitive to air pressure and transmits it to a rod that activates a microswitch. This microswitch activates the alarm systems or the mechanisms that prevent the entry of product into the silo.
It is delivered adjusted to 400 mm CA (0.04 bar).

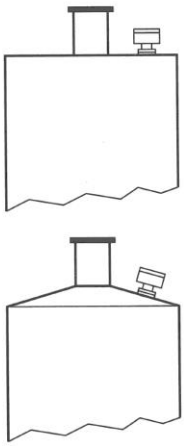
## Location and assembly

Whenever possible, it should be placed on the roof of the silo, ensuring that the incoming product jet does not hit the controller membrane.

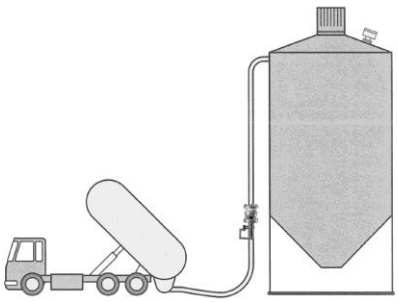
Assembly: Drill a 71mm diameter hole in the silo sheet metal, and then proceed:

- By 4 M8 screws threaded to the silo sheet metal if they are of adequate thickness.
- By 4 M8 through bolts.
- By welding 4 M8 threaded rods to the silo sheet meta

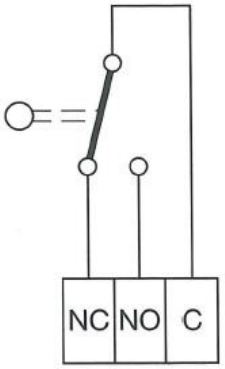
Montaje recomendado



Aplicación Tipica



Conexión eléctrica




**Microrruptor**
NC Normal cerrado
NO Normal abierto
C Común

## Technical characteristics

| Name / Reference | Body / cover | Type | Working temperature | Power Supply | Switch | Cable Entry | Protection |
|---|---|---|---|---|---|---|---|
| **AE2NSP AE203703021** | Reinforced plastic | Stainless steel | -15 a +60ºC | 400 mm ca (0,04 bar) | Unipolar inverter 15A. 230VAC | M20 threaded hole | IP65 |
| **AE2NSPX AE203703021X** | Stainless steel | Stainless steel | -15 a +60ºC | 400 mm ca (0,04 bar) | Unipolar inverter 15A. 230VAC | M20 threaded hole | IP65 |

División AE2, diseño y desarrollo de equipos electrónicos www.ae2-arco.es
ARCO electrónica S.A. Pol. Ind. LA CUESTA I, C/Castilla-León 5-7 CP: 50100 La Almunia de Dª Godina, ZARAGOZA (ESPAÑA)
TELF: 34 976 81 90 10 FAX: 34 976 81 26 54 www.arcoelectronica.es e-mail: arco@arcoelectronica.es