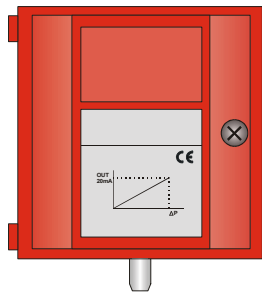


HOTRACO HELPS



OPN-DR-ST

Negative pressure sensor
0-100 Pa

Hotraco Agri BV

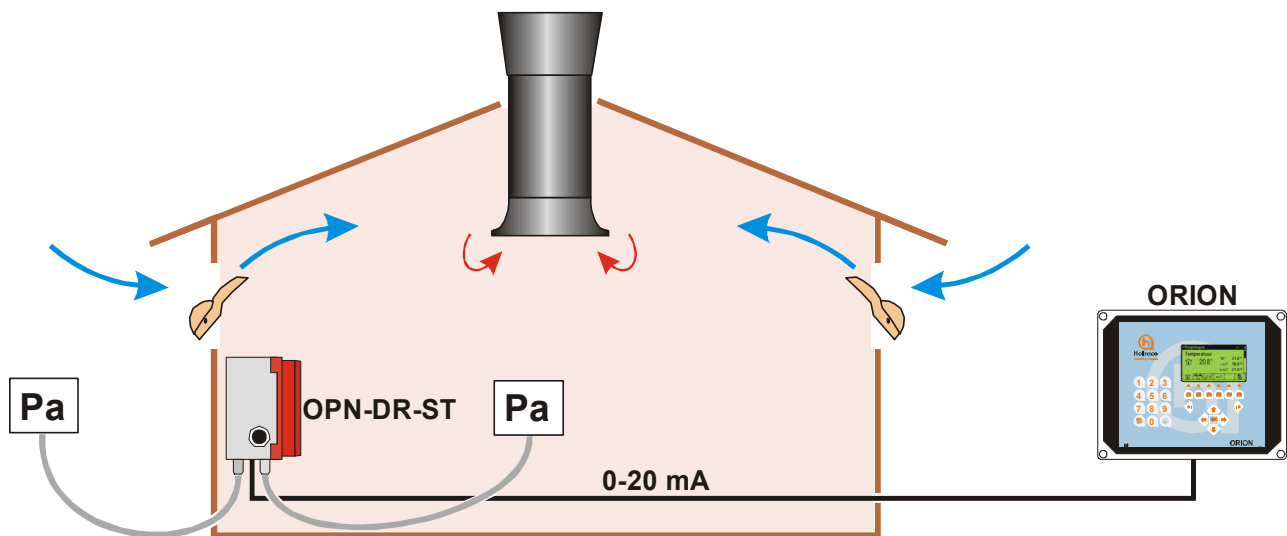
Stationsstraat 142, NL - 5963 AC Hegelsom, P.O. Box 6086, 5960 AB Horst, The Netherlands
Tel: +31 (0)77 3275020 Fax: +31 (0)77 3275021 Internet: www.hotraco.com

OPN-DR-ST

Negative pressure sensor 0-100 Pa

General

A fresh air flow in the house is created when the air pressure in the house is lower than the air pressure outside. The OPN-DR-ST measures the difference between the outside and inside air pressure. The difference in pressure is converted into a 0-20 mA signal. When connected to an Orion or a Sirius computer, the inlet valves can be controlled by means of the inside negative pressure.



Technical specifications

Electrical

Power supply	: +13,5...+33 Vdc / 24 Vac \pm 15%, 50-60 Hz
Maximum pressure difference	: 50 mbar
Measuring range	: 0...1 mbar (=100 Pa)
Output signal	: 0...20 mA ($R_L \leq 400 \Omega$)
Accuracy	: $\pm 1,0\%$ FS
Hysteresis	: $\pm 1,0\%$ FS

Complies with EC directives

EMC	: 2004 / 108 / EC
Low tension	: 2006 / 95 / EC

Mechanical

Operating temperature range	: 0...40 °C
Dimensions (H x W x D)	: 85 x 100 x 50 mm
Encasing	: IP 54 synthetic
Weight	: approx. 0,3 kg