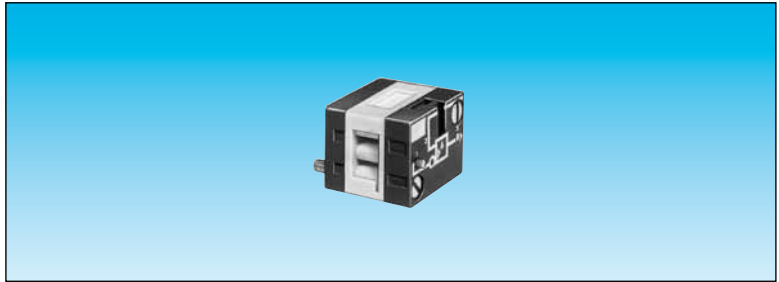


# Pressure decay sensor

■ 100 % pneumatic



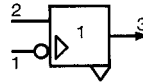
Also available in **ATEX** version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive



Pressure decay sensor

81 504 025

## Symbol

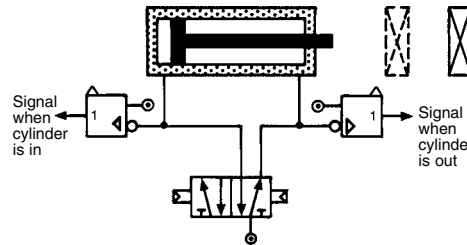


## Characteristics

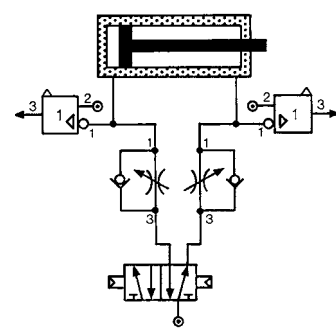
Operating pressure	bar	2 → 8
Flow at 6 bars	NI/min	200
Tripping point with 6 bar supply	b	0.3
Connection		Sub-base page 54-55
Operating temperature	°C	-5 → +50
Mechanical life	operations	≥10 <sup>7</sup>
Weight	g	25

## Connections

Without flow restrictor



With flow restrictor

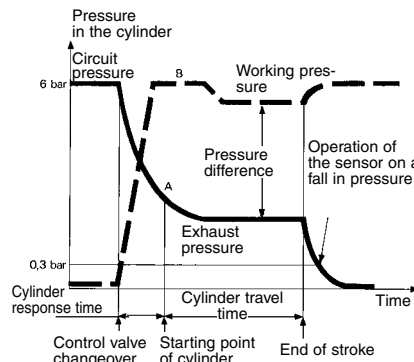


## Principle of operation

Fitted in-line between the cylinder and the control valve, the sensor will give an output when the pressure in this line is exhausted and the cylinder is at end of stroke.

For the correct usage of sensors on a falling pressure, it is recommended that the practical cylinder load is limited to 60% of the theoretical force.

## Evolution of pressure within a double-acting cylinder



## Dimensions

81 504 025

