

Pressure Monitor

AT 7754

Dimension range G 1/4	PN 200	Temperature range -20°C to +100°C	Material Stainless steel
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Range of Application

OEM pressure monitor for alarms of the pressure in gases (non piston type) and fluids.

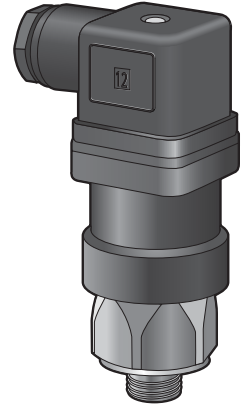
UBC. 31 Pressure monitor

Quality Assurance

CE-marking according to the LVD-directive EN60947-5-1.

Material Specification

1	Connection terminal	Plastic
2	Body	Stainless steel
5	Membrane and sealing	Nitrile

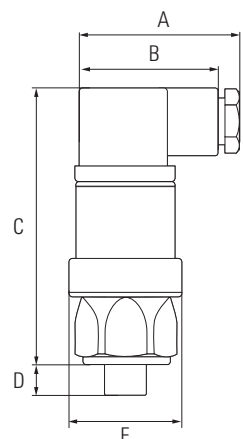


Dimension and Weight

A	50
B	40
C	83
D	9
E	34
F	G1/4
Weight	140g

Function and Design

Pressure monitor for alarms of the pressure within general applications within the industry. Monitor of the membrane type is used when the working pressure doesn't exceed 100 bar. Membrane monitor means that the media pushes on a membrane that through a mechanism affects a micro switch. By working range from 50 bar up to 200 bar a monitor of the type piston pressure monitor is used. The media pushes on a piston that through a mechanism affects a micro switch. Piston pressure monitor should not be used on air or gases. Power supply max 250VAC.



Technical information

Power supply	230VAC
Electric connection	AMP-shift 6,3x0,8mm
Max socket load	4A by 250VAC
Contact function	Normally open/normally closed
Mechanical life span	1 million switches
Max number of switches/min	200
Surrounding temperature	-20°C to +80°C
Media temperature	-30°C to +100°C
Overload	300 bar (600 bar by working range 50-200)

Max deviation in bar

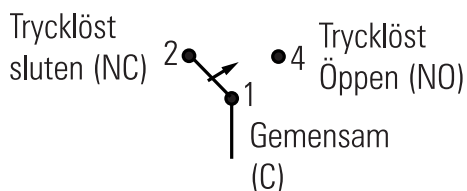
Working range bar	Max deviation bar	Max pressure bar
0,5-5	±0,2	300
1-10	±0,5	300
10-50	±3,0	300
10-100	±3,0-5,0	300
50-200	±5,0	600

Accessories and Options

The pressure monitor can be ordered with a membrane and sealings in viton or EPDM as an option.

Installation

The pressure monitor can be mounted in any direction.
Electric installation according to schematic.



Marking

On the pressure monitor there are markings regarding the manufacturer's name, measuring range, serial number and CE-marking.

How to order

AT7754-10X		
AT 7754	10	X
AT no.	Pressure range (bar)	Option

AT 7754	-5	-10	-50	-100	-200
Range bar	0,5-5	1-10	10-50	10-100	50-200