

pressure sensor

PRODUCT: pressure sensor

DESIGN: 16 round

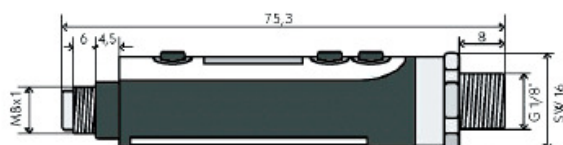


- robust plastic housing
- pressure range -1...0 and 0...10 bar
- 2 switching points adjustable
- hysteresis adjustable
- display can be rotated 180°
- stepless rotatable control element
- small design
- programmable pressure units (bar, psi, MPa, kgf/cm²)
- M8-connector 4-pole

technical data

pressure range	-1 ... 0 and 0 ... 10bar
excess pressure	max. 5bar (DW98A905, -1 ... 0bar) max. 16bar (DW98A906, 0 ... 10bar)
operating voltage	24V DC ±10%
current consumption	≤ 30mA
switching outputs	2 x pnp, no/nc max. 125mA
switching frequency	200Hz
repeatability	± 0,2% of accumulated value
operating temperature	0 ... + 50°C
connection to pressure system	G 1/8" external thread and M5-internal thread
measurable medium	filtered, oiled or not oiled compressed air and neutral gases
housing material	plastic ABS-PC
joint material	nickel-plated brass
weight	ca. 25g
system of protection	IP65 (EN 60529)
electrical connection	4-pin M8-connector

dimensional drawing



connection

Pin	assignment	colour	connection
1	Ub+	brown	
2	output 2	white	
3	0 V	blue	
4	output 1	black	

article number: DW98A905
DW98A906

-1 to 0bar
0 to 10bar

Warning: Never use these devices in applications where the safety of a person depends on their functionality!