dimensions: **Ø38 x 122mm**

DW35311M **G1/4“ A**pressure range 0 ... 200mbar
DW35311A **G1/4“ A**pressure range 0 ... 100mbar
DW35311E **G1/4“ A**pressure range -100 ... 0mbar

Technical Data

pressure range [bar]	see article list (above)
overload [bar]	max. 4bar, min. -0.3bar
pressure measurement	peak value memory every 20ms (display via PC)
operating voltage U_B	12 ... 32V DC, reverse polarity protected
voltage drop	< 2V
current consumption	< 60mA
switching outputs	2 x pnp-switching, no/nc 1A short-circuit protected
delay time	0 ... 20s, on and off delayed, seperately adjustable
adjustment range switching point	1 ... 100% of P_N,
release position	0 ... 99% of P_N
switching frequency	max. 25Hz
repeat accuracy	< ±0.1% of the final value
current output	0/4 ... 20mA, 20 ... 0/4mA, start- and stop value selectable turn-down 4:1
burden	max. R_L [Ω] = (U_B-8V) / 20mA
error recognition	analog output in case of line break
rise time	5ms (10% ... 90% of P_N)
damping	0 ... 20s, adjustable
linearity deviation	max. ±0.25% von P_N
operating pressure display	4 x 7-segment LED
peak hold time	0 ... 20s, adjustable
switching function display	2 x LED red
operating temperature	-20°C ... +80°C
temperature drift	< ±0.2% / 10K (-10°C ... +70°C)
connection to pressure system	G1/4A, SW 27
sensor head material	stainless steel 1.4435 / ceramics
housing material	PA6.6, polyester
protection class	IP65 acc. EN 60529
connection	M12-connector, 4-pin
interface	9600 Baud, via opto-adapter on USB
connection / mounting accessories	**VK205325** / **AY000060**, **AD000011**

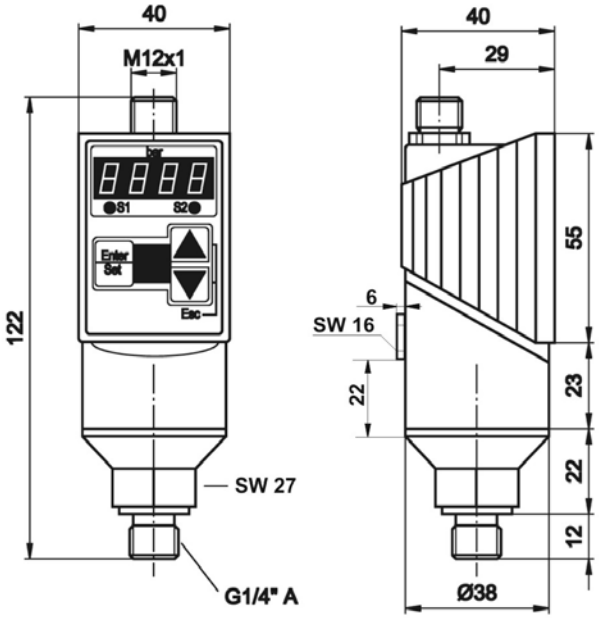
Note:

The screw connection on the backside serves as a presssure compensation for the sensors.

This screw connection contains a Gore membrane that protects against the penetration of water, but is air-permeable.

The screw connection must not be removed!

dimensional drawing:



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