

# Air flow sensors with integrated amplifier |

## LNZ 450 GA-S

- Air flow sensor with amplifier for gaseous media
- Screw-in sensor with 2 measuring pins
- Switching or analogue output
- Flow monitoring in supply and exhaust air ducts
- Flow monitoring in exhaust systems



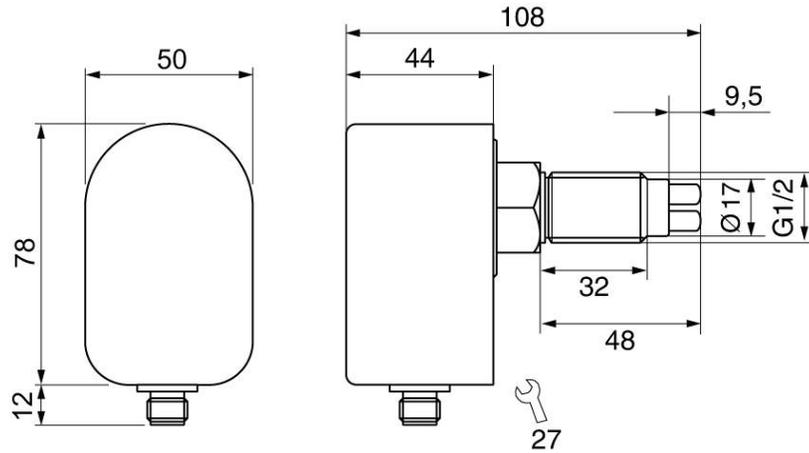
**G1/2 - sensor length 48 mm - 24 VDC - analog output 4...20 mA - M12 plug system**

<b>TYPE</b>	LNZ 450 GA-S
<b>Product ID</b>	P11111
<b>Medium</b>	air, non-explosive gas
<b>Detection range air</b>	0.5 m/s ... 30 m/s
<b>Process connection</b>	G1/2
<b>Sensor length L</b>	48 mm
<b>Output</b>	analog output 4...20 mA
<b>Output function</b>	non linear
<b>Supply voltage</b>	24 V DC +/- 15 %
<b>Current consumption max.</b>	100 mA
<b>Load RL</b>	200 Ω ... 500 Ω
<b>Reverse polarity protection</b>	✓
<b>Ambient temperature</b>	-20 °C ... 70 °C
<b>Medium temperature</b>	-20 °C ... 80 °C
<b>Temperature gradient gaseous media</b>	20 K/min
<b>Start-up time</b>	20 ... 90 s
<b>Reaction time</b>	4 ... 30 s
<b>Compressive strength</b>	30 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 303
<b>Material housing</b>	stainless steel AISI 303, brass, PA, PBT

<b>Protection [EN 60529]</b>	IP 67
<b>Electrical connection</b>	M12 connector
<b>Accessories</b>	connecting cable SLG 3-2, SLG 3-5, SLW 3-2, SLW 3-5

**Accessories (in scope of delivery)**  
2 x gasket G1/2 AFM 34, screwdriver

Technical Image



Pin Map

