

# Air flow sensors with integrated amplifier |

## LN 450 GR-S

- Air flow sensor with amplifier
- Plug-in sensor with 2 measuring pins
- Gaseous media
- DC or AC design
- Switching or analogue output
- Flow monitoring in supply and exhaust air ducts

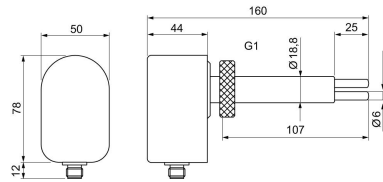


### 24 VDC - output relay - M12 plug system

<b>TYPE</b>	LN 450 GR-S
<b>Product ID</b>	P11109
<b>Medium</b>	air, non-explosive gas
<b>Detection range air</b>	0.5 ... 30 m/s
<b>Process connection</b>	G1
<b>Output</b>	switching output
<b>Output function</b>	relay / change-over
<b>Supply voltage</b>	24 VDC +/- 20 %
<b>Current consumption max.</b>	100 mA
<b>Switching voltage max.</b>	250 VAC / 60 VDC
<b>Switching current max.</b>	4 A AC / 4 A DC
<b>Switching power max.</b>	1000 VA / 60 W
<b>Reverse polarity protection</b>	✓
<b>Ambient temperature</b>	-20 ... 70 °C
<b>Medium temperature</b>	-20 ... 80 °C
<b>Temperature gradient gaseous media</b>	20 K/min
<b>Start-up time</b>	10 ... 90 s
<b>Reaction time</b>	2 ... 30 s
<b>Compressive strength</b>	3 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 303, POM

<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>	thread sleeve A502 (Z01034), thread sleeve A503 (Z01035), connecting cable SLG 3-2, SLG 3-5, SLW 3-2, SLW 3-5, thread sleeve A501 Z01033
<b>Accessories (in scope of delivery)</b>	screwdriver

Technical Image



Pin Map

