

Air flow sensors with integrated amplifier |

LN 520 GA

- Plug-in sensor for air flow monitoring
- Gaseous media
- Cylindrical smooth design
- Air flow monitoring in exhaust systems
- Flow monitoring for fans
- Filter state monitoring
- Flow monitoring in air cooling circuits



24 VDC - analog output 4...20 mA - 2 m PVC cable

TYPE	LN 520 GA
Product ID	P11097
Medium	air, non-explosive gas
Detection range air	0.5 m/s ... 15 m/s
Process connection	Ø 20 mm
Output	analog output 4...20 mA
Output function	non linear
Supply voltage	24 V DC +/- 20 %
Current consumption max.	100 mA
Load RL	200 Ω ... 500 Ω
Reverse polarity protection	✓
Ambient temperature	-20 °C ... 70 °C
Medium temperature	-20 °C ... 70 °C
Temperature gradient gaseous media	200 K/min
Start-up time	20 ... 40 s
Reaction time typ.	3 s
Material sensor touched by medium	AL2O3, PBT, PUR
Material housing	PBT
Protection [EN 60529]	IP 67
Electrical connection	2 m PVC-cable 3x0.5 mm ²

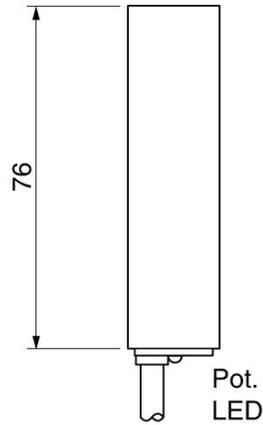
Accessories (in scope of delivery)

plastic flange ø20 (Z01106), screwdriver

Note

probe with longer cable available on request

Technical Image



Pin Map

