



## **Air Flow Sensor LN 450**

Flow monitor according to the thermodynamic principle for air





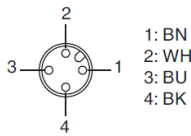
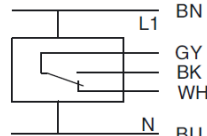
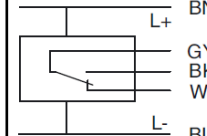
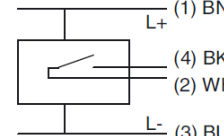
- Socket mounting
- Integrated electronics
- LED adjustment
- Compressive strength 3 bar
- Analog output optional

D-EN-LN450-20190402



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Technical data			
Design	G1		G1
Detection range [m/s]	0,5...30		0,5...30
Output	 Relay		 Relay
Type	LN 450 WR1-K	LN 450 WR2-K	LN 450 GR-K
ID-No.	P11106	P11107	P11108
Supply voltage [V]	115 AC±15%	230 AC±15%	24 DC±20%
Current consumption [mA]	60	30	80
Switching voltage [V]	250 AC / 60 DC		250 AC / 60 DC
Switching current [A]	4 AC / 4 DC		4 AC / 4 DC
Switching power max.	1000 VA / 60 W		500 VA / 60 W
Ambient temperature [°C]	-20...+70		-20...+70
Medium temperature [°C]	-20...+80		-20...+80
Temperature gradient [K/min]	20		20
Start-up time typ. [s]	10...90		10...90
Reaction time typ. [s]	2...30		2...30
Compressive strength [bar]	3		3
Sensor material	AISI 303 / Delrin		AISI 303 / Delrin
Housing material	PBT		PBT
Display flow	LED-array		LED-array
Protection [EN 60529]	IP 67		IP 67
Connections	2 m PVC-cable, 5x0,5 mm <sup>2</sup>		2 m PVC-cable, 5x0,5 mm <sup>2</sup>
			
			

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Technical data		
Design	G1	G1
Dimensions		

Accessories
Thread sleeve A50