



## **Air Flow Sensor LNZ**

Flow monitor according to the thermodynamic principle for air




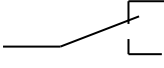
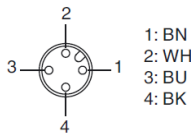
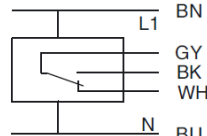
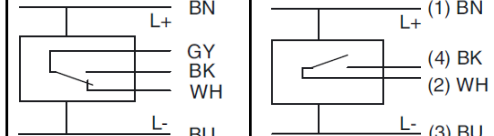
- Stainless steel sensor
- Integrated electronics
- LED adjustment
- Compressive strength 30 bar
- Analog output optional

D-EN-LNZ-20190401



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Technical data			
Design	G $\frac{1}{2}$		G $\frac{1}{2}$
Detection range [m/s]	0,5...30		0,5...30
Output	 Relay		 Relay
Type	LNZ 450 WR1-K	LNZ 450 WR2-K	LNZ 450 GR-K
ID-No.	P11102	P11103	P11104
Supply voltage [V]	115 AC $\pm$ 15%	230 AC $\pm$ 15%	24 DC $\pm$ 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		1000 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]	30		30
Sensor material	AISI 303		AISI 303
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	G $\frac{1}{2}$	G $\frac{1}{2}$
Dimensions		

Accessories	
Connecting cable	Type SLG 4-2
Connecting cable	Type SLG 4-5
Connecting cable	Type SLW 4-2
Connecting cable	Type SLW 4-5