

# AIR FLOW CONTROLLER

## Compact model

LW 4101

LW 4103

### Series LNZ

### G1/2 thread

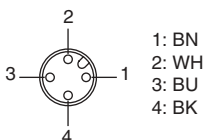
AC 230 V • AC 115 V

DC 24 V

Relay output



Design	AC • G1/2		DC Relay • G1/2	
Dimensions				
Detection range [m/s]	0.5...30		0.5...30	0.5...30
Output				
Type	LNZ 450 WR1-K	LW 4103 LNZ 450 WR2-K	LW 4101 LNZ 450 GR-K	LNZ 450 GR-S
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	2 AC / 2 DC
Switching power max.	1000 VA / 60 W		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]	30		30	
Sensor material	1.4305		1.4305	
Housing material	PBT		PBT	
Display flow	LED-array		LED-array	
Protection [EN 60529]	IP 67		IP 67	
Connection	2 m PVC-cable 5x0.5 mm <sup>2</sup>		2 m PVC-cable 5x0.5 mm <sup>2</sup>	M12-plug system



### Accessories

Connecting cable SLG 4-2, SLG 4-5, SLW 4-2, SLW 4-5, see page 1.68

# AIR FLOW CONTROLLER

## Compact model with analog output

LW 4102

Series LNZ

G1/2 thread

DC 24 V

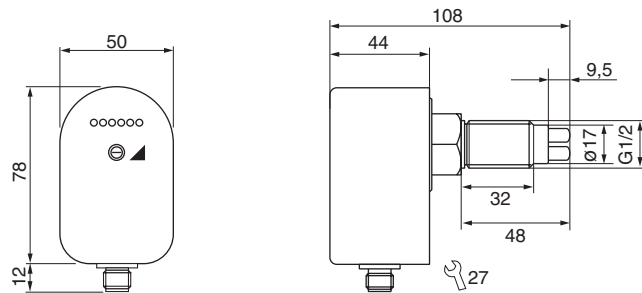
Analog output



### Design

DC Analog • G1/2

### Dimensions



Detection range [m/s]  
Output

0.5...30



Type

LW 4102  
LNZ 450 GA-K

LNZ 450 GA-S

Supply voltage [V]

24 DC  $\pm$  15 %

Current consumption [mA]

80

Current output [mA]

4...20

Load  $R_L$  [ $\Omega$ ]

200-500

Ambient temperature [ $^{\circ}$ C]

-20...+70

Medium temperature [ $^{\circ}$ C]

-20...+80

Temperature gradient[K/min]

20

Start-up time typ. [s]

20...90

Reaction time typ. [s]

4...30

Compressive strength [bar]

30

Sensor material

1.4305

Display flow

LED-array

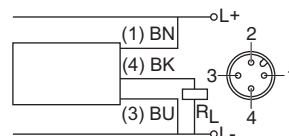
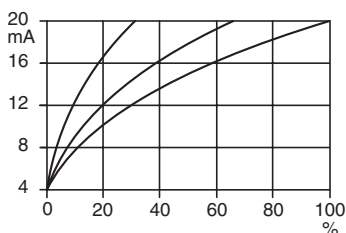
Protection [EN 60529]

IP 67

Connection

2 m PVC-cable, 3x0.5 mm<sup>2</sup>

M12-plug system



Accessories

Connecting cable SLG 3-2, SLG 3-5, SLW 3-2, SLW 3-5, see page 1.68

1.42 E10205

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