



Air Flow Sensor LDN 510

Flow monitor according to the thermodynamic principle for air



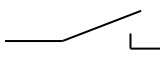


D-EN-LDN510-20190402

- Low pressure loss
- Integrated electronics
- LED adjustment
- Pressure resistance 20 bar



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Technical data			
Design	G$\frac{1}{4}$, \varnothing 9 mm		
Detection range [m/s]	0,2...60		
Working range [m/s]	0,5...40		
Inner diameter d [mm]	9		
Output	 PNP	 Relay	 4...20 mA, non linear
Type	LDN 510 GSP	LDN 510 GR	LDN 510 GA
ID-No.	P11299*	P11300	P11301*
Switching current [mA]	200 (20 °C)	1000	-
Switching voltage [V]	-	30 AC / 36 DC	-
Load R _L [Ω]	-	-	200...500
Supply voltage [V]	24 DC \pm 10%		
Current consumption [mA]	<50		
Ambient temperature [°C]	0...+60		
Medium temperature [°C]	-20...+80		
Temperature gradient [K/min]	20		
Start-up time typ. [s]	10...30		
Reaction time typ. [s]	1...20		
Compressive strength [bar]	20		
Display flow	LED-array		
Material	housing: PBT; sensor: AISI 316 Ti		
Protection [EN 60529]	IP 67		

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Technical data	
Design	G $\frac{1}{4}$, \varnothing 9 mm
Dimensions	
Connection	M12 connector
* 	

Accessories
Connecting cable type SLG
Connecting cable type SLW
Connecting cable type SBG
Connecting cable type SBW

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