

Inline-Compact

Series LDN 500

PNP output

Relay output

Analog output

G1/4 thread • Ø9 mm

Compressed-air monitoring



Design	G1/4 • Ø9 mm		
Dimensions			
Detection range [m/s]	0.2...60		
Working range [m/s]	0.5...40		
Inner diameter d [mm]	9		
Output			
ID-No.	P11299 *	P11300	P11301 *
Type	LDN 510 GSP	LDN 510 GR	LDN 510 GA
Supply voltage [V]	24 DC ±10%	24 DC ±10%	24 DC ±10%
Current consumption [mA]	< 50	< 50	< 50
Switching current [mA]	200 (20 °C)	1000	-
Switching voltage [V]	-	30 AC / 36 DC	-
Load R _L [Ω]	-	-	200...500
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		
Connection	M12 connector		
* US LISTED E304328			
Accessories	connecting cable type SLG, SLW, SBG, SBW, see page 1.99		