

DNA 301 Compact anemometer



Wind speed sensor with direct signal output (Hz/m/s). These anemometers are ideal for when requirements call for low thresholds and good accuracy even at very low wind speed. The wind speed element is a tachometer with 32 steps ensuring very high resolution..

DNA301		
Measuring range (damage limit)		0 ÷ 75 m/s
Output		0-883 Hz
Power supply		5 ÷ 12 Vdc
Heater		-
Power consumption		Max. 20 mA
Calibration certificate		Included
Data logger compatibility		M-Log (ELO007-008), R-Log (ELR515), E/X-Log (all models)
Wind speed	Principle	N.32 step optoelectronic disk, frequency proportional to wind speed
	Threshold	0,3 m/s
	Accuracy	0 ÷ 3 m/s=1,5%, >3 m/s= 1%
	Resolution	0,06 m/s
	Delay distance	4,8 m (at 10 m/s) According to VDI3786 and ASTM 5096-96
General information	Operative damage limit	75 m/s
	Connector	7 pin IP65 watertight connector
	Housing	Anodized aluminum
	Operative temperature	-35 ÷ +70°C (without ice)
	Mounting	Mast Ø 48 ÷ 50 mm