

### com[b]

#### 5 unbeatable reasons to use the com[b] for measurement

- **Clever combined.** The com[b] doesn't only measure 2 parameters but it also has 2 interfaces on board: analogue and serial. With this you are perfectly equipped for the future.
- **Safety in stormy times.** com[b] has no moving parts. Its spectacular survival velocity of more than 100 m/s makes it unbreakable for wind influences.
- **Ready-to-go in bitter coldness.** The sensor offers the required measuring data even in challenging climatic conditions of up to -40°C.
- **Easy and mobile.** The space-saving, easy installation reduces costs and makes it flexible in use, e.g. on cranes, vehicles and vessels.
- **Unbeatable price-performance-ratio.** Precious materials like aluminium and zinc oxide and the optimised thermo-dynamic measuring principle stand for highest quality. Never before such high Lambrecht standards were available for such a good price.

Not least the com[b] is an absolute eye-catcher.

wind power plants • cranes • vessels • vehicles • railway line monitoring • traffic meteorology • industrial facilities • power plants, sewage plants and landfills



Standard Line	Static Wind Sensor com[b]			Id-No. 00.16441.004 112
<u>Parameters:</u>	Measuring range:	Accuracy:	Resolution:	
Wind direction:	0...360°	± 3°	1°	
Wind speed:	0.1...50 m/s	± 0.5 m/s ± 5 % of the meas. value	0.1 m/s	
Range of application:	temperature -40...+70 °C • survival speed 100 m/s • 0...100 % r. h.			
Protocols:	NMEA 0183 • WIMWV			
Interface:	serial • RS 422/ Talker • baud rate 4800 • 1 Hz (meas. cycle of 4 Hz) • 8 N 1			
Analog output:	2 x 4...20 mA (for wind speed and wind direction)			
Supply voltage:	18...32 VDC • max. 2.5 A			
Housing:	aluminium • anodized • IP 65			
Dimensions/ Weight:	H 298 mm • Ø 108 mm • mast adapter Ø 50 mm for mounting on standard pipe • 1.5 kg			
<u>Connectable to*:</u>	Lambrecht data logger met[LOG] and Ser[LOG]			
<u>Accessories*:</u>	10 m connection cable (Id-No. 32.15184.060 000) Mast and power supply unit Visualisation and evaluation software "MeteoWare CS3"			

\*) not included in scope of delivery