

Overview product specifications of KRIWAN wind sensors



Category	Eco-Line	Business-Line	Premium-Line	ICEfight	Offshore	Heavy Duty
Description	Basic product for moderate weather zones	Standard product for industrial applications	Premium product for demanding wind measurement technology and for difficult weather conditions, WMO-compliant	High-end product for extreme risk of icing at very low temperatures	High-end product for particularly corrosive environmental conditions (salt spray-resistant special coating)	High-end product for extremely demanding environmental conditions (dust-resistant thanks to specially sealed bearings)
Types	INT10 H Anemometer, INT10 BA Anemometer, INT10 C Anemometer, INT30 H Wind Direction, INT30 BA Wind Direction	INT10 Anemometer, INT10 K Anemometer, INT10 OC Anemometer, INT30 Wind Direction, INT3 Wind Direction, IN30 B Wind Direction	INT10 M Anemometer, INT30 M Wind Direction	INT10 IF Anemometer, INT30 IF Wind Direction	INT10 OF Anemometer, INT30 OF Wind Direction	INT10 HD Anemometer, INT30 HD Wind Direction
Application	Building technology, Photovoltaics	Cranes, Ski lifts, Cable cars, Wind farms, Building technology, Hydrology, Meteorology, Building and greenhouse control	Cranes, Ski lifts, Cable cars, Wind farms, Hydrology, Meteorology, Building and greenhouse control	Ski lifts, Cable cars, Wind farms	Cranes, Wind farms, Hydrology, Meteorology	Cranes, Wind farms, Hydrology, Meteorology, Building and greenhouse control
Max. measurement range	50 m/s, 360°	50 m/s, 360°	75 m/s, 360°	75 m/s, 360°	100 m/s, 360°	100 m/s, 360°
Signal output	Standard: 0-10 V, Standard: 4-20 mA	Standard: 0-10 V, Standard: 4-20 mA	Standard: 0-10 V, Standard: 4-20 mA	Standard: 0-10 V, Standard: 4-20 mA	Standard: 4-20 mA	Standard: 4-20 mA
Start-up speed	< 0,5 m/s	< 0,4 m/s	< 0,4 m/s	< 1,0 m/s	< 1,0 m/s (θu = 20 °C)	< 1,0 m/s
Stability	For wind speed of 60m/s (max. 30 min)	For wind speed of 80m/s (max. 30 min)	For wind speed of 80m/s (max. 30 min)	For wind speed of 80m/s (max. 30 min)	For wind speed of 100 m/s (max. 30 min)	For wind speed of 100 m/s (max. 30 min)
Connection	5-pin plug (M12), 7-pin plug (M16)	Plug: e. g. 5-pin plug (M12), Cable: e. g. 3m 5x0.75 mm ² , Cable with plug: e. g. 3m 5x0.75mm ² with 7-pin plug	Plug: e. g. 5-pin plug (M12), Cable: e. g. 3m 5x0.75 mm ²	6-pin plug (M16)	6-pin plug (M16)	6-pin plug (M16)
Heating	Without / simple heating in the housing	In the housing	In the housing	In the cup anemometer or in the wind vane	In the housing	In the cup anemometer or in the wind vane
Mounting	Mast	Mast, central, pendulum	Mast, central	Mast	Mast	Mast
Certification	CE	CE, UL/CSA	CE, UL/CSA	CE, UL	CE, UL	CE, UL