

AV04 NACELLE

NAME	DESCRIPTION	MEASUREMENT	Distance to [m]		SENSOR-TYPE	Physical Unit
R4_T-B4_außen	temperature					°C
R4_H-B4_außen	humidity					%
R4_P-B4_außen	air-pressure					hPa
R4_B-B4(x)	R4_B-B4(x)	Acceleration in x-direction		Gondel (yaw system)	ICP-Accelerometer	m/s ²
R4_B-B4(y)	R4_B-B4(y)	Acceleration in y-direction		Gondel (yaw system)	ICP-Accelerometer	m/s ²
R4_B-B4(z)	R4_B-B4(z)	Acceleration in z-direction		Gondel (yaw system)	ICP-Accelerometer	m/s ²
R4_Azimutwinkel_B4_50Hz	azimut angle					°
R4_Generatordrehzahl_B4_50Hz	R4_Generatordrehzahl_B4_50Hz	Generator revolutions		Nacelle	Control	rpm
R4_Pitchwinkel_Ist_B4_50Hz	R4_Pitchwinkel_Ist_B4_50Hz	Pitch angle		Nacelle	Control	°
R4_elektrische_Leistung_B4_50Hz	R4_elektrische_Leistung_B4_50Hz	Electrical power		Nacelle	Control	kW
R4_Windgeschwindigkeit_B4_50Hz	R4_Windgeschwindigkeit_B4_1Hz	Wind speed		Nacelle	Control	m/s
R4_T-B4_Ansaug-Entfeuchter	R4_T-B4_Ansaug-Entfeuchter	Air temperature (Lufttemperatur)		Nacelle	Temperatur and Humidity sensor	°C
R4_H-B4_Ansaug-Entfeuchter	R4_H-B4_Ansaug-Entfeuchter	Humidity (Luftfeuchtigkeit)		Nacelle	Temperatur and Humidity sensor	%
R4_P-B4_Ansaug-Entfeuchter	R4_P-B4_Ansaug-Entfeuchter	Air Pressure		Nacelle	Barometer	hPa
R4_T-B4_Umgebung-Umrichter	R4_T-B4_Umgebung-Umrichter	Air temperature (Lufttemperatur)		Nacelle	Temperatur and Humidity sensor	°C
R4_H-B4_Umgebung-Umrichter	R4_H-B4_Umgebung-Umrichter	Relative humidity		Nacelle	Temperatur and Humidity sensor	%
R4_P-B4_Umgebung-Umrichter	R4_P-B4_Umgebung-Umrichter	Absolute pressure		Nacelle	Barometer	hPa
R4_T-B4_Ansaug-Gondelkuehler	R4_T-B4_Ansaug-Gondelkuehlung	Air temperature (Lufttemperatur)		Nacelle	Temperatur and Humidity sensor	°C

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R4_H-B4_Ansaug-Gondelkuehler	R4_H-B4_Ansaug-Gondelkühlung	Relative humidity		Nacelle	Temperatur and Humidity sensor	%
R4_P-B4_Ansaug_Gondelkuehler	R4_P-B4_Ansaug-Gondelkühlung	Absolute pressure		Nacelle	Barometer	hPa