

## AV04 HUB BLADES CONNECTION (Nabe Blattanschluss)

NAME	DESCRIPTION	MEASUREMENT	Distance to [m]		SENSOR-TYPE	Physical Unit
R4_D-B5b1a1	Rotorblatt1, LM#50; 0°	Blade1-Edgewise bending moment	0,5	Blade root	DMS	kNm
R4_D-B5b1a2	Rotorblatt1, LM#50; 90°	Blade1-Flapwise bending moment	0,5	Blade root	DMS	kNm
R4_D-B5b1_Edge_0	Blatt-1-Edge-0Grad-FOS	Blade1-Edgewise bending moment 0°	0,5	Blade root	FOS - Fiber optic sensor	lambda
R4_D-B5b1_Flap_90	Blatt-1-Flap-90Grad-FOS	Blade1-Flpawise bending moment 90°	0,5	Blade root	FOS	lambda
R4_D-B5b1_Edge_180	Blatt-1-Edge-180Grad-FOS	Blade1-Edgewise bending moment 180°	0,5	Blade root	FOS	lambda
R4_D-B5b1_Flap_270	Blatt-1-Flap-270Grad-FOS	Blade1-Flpawise bending moment 270°	0,5	Blade root	FOS	lambda
R4_D-B5b2_Edge_0	Blatt-2-Edge-0Grad-FOS	Blade2-Edgewise bending moment 0°	0,5	Blade root	FOS	lambda
R4_D-B5b2_Flap_90	Blatt-2-Flap-90Grad-FOS	Blade2-Flpawise bending moment 90°	0,5	Blade root	FOS	lambda
R4_D-B5b2_Edge_180	Blatt-2-Edge-180Grad-FOS	Blade2-Edgewise bending moment 180°	0,5	Blade root	FOS	lambda
R4_D-B5b2_Flap_270	Blatt-2-Flap-270Grad-FOS	Blade2-Flpawise bending moment 270°	0,5	Blade root	FOS	lambda
R4_D-B5b3_Edge_0	Blatt-3-Edge-0Grad-FOS	Blade3-Edgewise bending moment 0°	0,5	Blade root	FOS	lambda
R4_D-B5b3_Flap_90	Blatt-3-Flap-90Grad-FOS	Blade3-Flpawise bending moment 90°	0,5	Blade root	FOS	lambda
R4_D-B5b3_Edge_180	Blatt-3-Edge-180Grad-FOS	Blade3-Edgewise bending moment 180°	0,5	Blade root	FOS	lambda
R4_D-B5b3_Flap_270	Blatt-3-Flap-270Grad-FOS	Blade3-Flpawise bending moment 270°	0,5	Blade root	FOS	lambda
R4_D-B5b1_Temp_0	Blatt-1-Temp-0Grad	Temperatur_0_Grad	0,5	Blade root	PT-100	°C
R4_D-B5b1_Temp_90	Blatt-1-Temp-90Grad	Temperatur_90_Grad	0,5	Blade root	PT-100	°C
R4_D-B5b1_Temp_180	Blatt-1-Temp-180Grad	Temperatur_180_Grad	0,5	Blade root	PT-100	°C
R4_D-B5b1_Temp_270	Blatt-1-Temp-270Grad	Temperatur_270_Grad	0,5	Blade root	PT-100	°C