

# EasyBalance OPC tag list

April 22, 2023

**bold = new tags**

Tag Name	IN / OUT	Type	Example
EasyBalance_Amount_Left	OUT	float	12.12345
EasyBalance_Amount_Right	OUT	float	12.12345
EasyBalance_Amount_Static	OUT	float	24.12345
EasyBalance_Angle_Left	OUT	float	56.1
EasyBalance_Angle_Right	OUT	float	56.1
EasyBalance_Angle_Static	OUT	float	92.1
EasyBalance_AveragingTime_Index	IN	short	5
EasyBalance_AveragingTime_Tenth	IN	short	defines averaging time in 1/10 s
EasyBalance_BladeMissing	OUT	short	
EasyBalance_Command_Maximize	IN	String	
EasyBalance_Command_Measure	IN	String	On, Off
EasyBalance_Command_Proceed	IN	String	Proceed
EasyBalance_Command_Start	IN	String	Start, New, Next
EasyBalance_Command_Supervisor	IN	String	On (locked), Off (unlocked)
EasyBalance_Command_ForceStart	IN	short	1=force start measure cycle
EasyBalance_Command_Backup	IN	short	1=initiate data backup
EasyBalance_Command_BladeCounting	IN	String	On, Off
EasyBalance_CalibrationStatus	OUT	short	0=cal in progress, 1=cal complete
EasyBalance_Result_Display	IN	String	Amount, Polar, 3D, BodeUp, BodeDown
EasyBalance_Correction_Left	OUT	short	1=add, 2=remove
EasyBalance_Correction_Right	OUT	short	1=add, 2=remove
EasyBalance_Correction_Static	OUT	short	1=add, 2=remove
EasyBalance_Dialog_Current	OUT	String	Live Polar, Live Polar Calibration
EasyBalance_Dimension_A	OUT	float	
EasyBalance_Dimension_B	OUT	float	
EasyBalance_Dimension_C	OUT	float	
EasyBalance_Encoder_Position	OUT	short	7
EasyBalance_Encoder_Total	OUT	short	47
EasyBalance_HeartBeat	OUT	short	
EasyBalance_Signal_Left	OUT	float	Signal strength in %
EasyBalance_Signal_Right	OUT	float	Signal strength in %
EasyBalance_Range_Current	OUT	short	
EasyBalance_Range_Set	IN	short	
EasyBalance_MachineType	OUT	String	
EasyBalance_Measurement_Status	OUT	short	0=in progress, 1=measurement complete
EasyBalance_NumberOfBlades	OUT	short	
EasyBalance_Radius_Left	OUT	float	
EasyBalance_Radius_Right	OUT	float	
EasyBalance_Radius_Static	OUT	float	
EasyBalance_Rotor_Position	OUT	short	Angular position of rotor
EasyBalance_RotorName_Current	OUT	String	Fanwheel Serial 123
EasyBalance_RotorName_New	IN	String	Fanweehl Serial 124
EasyBalance_RPM_Measured	OUT	short	1250
EasyBalance_ServerName_Current	OUT	String	RXLinx.OPCServer.5

EasyBalance_SetBlade	IN	String	Set (set), Done (done)
EasyBalance_SetBladeCounting	IN	String	Set (set), Done (done)
EasyBalance_Tolerance_Left	OUT	float	
EasyBalance_Tolerance_Right	OUT	float	
EasyBalance_Tolerance_Static	OUT	float	
EasyBalance_Result_Left	OUT	int	Result in percent of tolerance
EasyBalance_Result_Right	OUT	int	Result in percent of tolerance
EasyBalance_Result_Static	OUT	int	Result in percent of tolerance
EasyBalance_Overload_Mode	IN	short	0=normal, 1=detection, 2=force monitoring
EasyBalance_Overload_Output1	OUT	short	0=no overload, 1=170% overload detected
EasyBalance_Overload_Output2	OUT	short	0=no overload, 1=170% overload detected
EasyBalance_Overload_Force1	OUT	float	numerical value in lb-force
EasyBalance_Overload_Force2	OUT	float	numerical value in lb-force
EasyBalance_Cal_icnn	OUT	float	influence coeff
EasyBalance_Cal_icnf	OUT	float	influence coeff
EasyBalance_Cal_icfn	OUT	float	influence coeff
EasyBalance_Cal_icff	OUT	float	influence coeff
EasyBalance_Cal_icnn_theta	OUT	float	influence coeff
EasyBalance_Cal_icnf_theta	OUT	float	influence coeff
EasyBalance_Cal_icfn_theta	OUT	float	influence coeff
EasyBalance_Cal_icff_theta	OUT	float	influence coeff
EasyBalance_Cal_Mass1	IN	double	Calibration mass channel 1
EasyBalance_Cal_Mass2	IN	double	Calibration mass channel 2
<b>EasyBalance_Cal_Angle1</b>	<b>IN</b>	<b>double</b>	<b>Calibration angle channel 1</b>
<b>EasyBalance_Cal_Angle2</b>	<b>IN</b>	<b>double</b>	<b>Calibration angle channel 2</b>
EasyBalance_Measurement_Start	OUT	short	1=measure cycle started
EasyBalance_Direction_Fault	OUT	short	2=rotation mismatch detected
EasyBalance_Direction_Actual	OUT	short	1=FWD, 2=REV
EasyBalance_String_SN	IN	String	SN string, max 20 characters
EasyBalance_Clipbin_Left_01	OUT	short	number of A clips, left or static, 1st segment
EasyBalance_Clipbin_Left_02	OUT	short	number of B clips, left or static, 1st segment
EasyBalance_Clipbin_Left_03	OUT	short	number of C clips, left or static, 1st segment
EasyBalance_Clipbin_Left_04	OUT	short	number of A clips, left or static, 2nd segment
EasyBalance_Clipbin_Left_05	OUT	short	number of B clips, left or static, 2nd segment
EasyBalance_Clipbin_Left_06	OUT	short	number of C clips, left or static, 2nd segment
EasyBalance_Clipbin_Left_07	OUT	short	number of A clips, left or static, 3rd segment
EasyBalance_Clipbin_Left_08	OUT	short	number of B clips, left or static, 3rd segment
EasyBalance_Clipbin_Left_09	OUT	short	number of C clips, left or static, 3rd segment
EasyBalance_Clipbin_Left_10	OUT	short	number of A clips, left or static, 4th segment
EasyBalance_Clipbin_Left_11	OUT	short	number of B clips, left or static, 4th segment
EasyBalance_Clipbin_Left_12	OUT	short	number of C clips, left or static, 4th segment
EasyBalance_Clipbin_Left_13	OUT	short	number of A clips, left or static, 5th segment
EasyBalance_Clipbin_Left_14	OUT	short	number of B clips, left or static, 5th segment
EasyBalance_Clipbin_Left_15	OUT	short	number of C clips, left or static, 5th segment
EasyBalance_Clipbin_Right_01	OUT	short	number of A clips, right, 1st segment
EasyBalance_Clipbin_Right_02	OUT	short	number of B clips, right, 1st segment
EasyBalance_Clipbin_Right_03	OUT	short	number of C clips, right, 1st segment
EasyBalance_Clipbin_Right_04	OUT	short	number of A clips, right, 2nd segment
EasyBalance_Clipbin_Right_05	OUT	short	number of B clips, right, 2nd segment

EasyBalance_Clipbin_Right_06	OUT	short	number of C clips, right, 2nd segment
EasyBalance_Clipbin_Right_07	OUT	short	number of A clips, right, 3rd segment
EasyBalance_Clipbin_Right_08	OUT	short	number of B clips, right, 3rd segment
EasyBalance_Clipbin_Right_09	OUT	short	number of C clips, right, 3rd segment
EasyBalance_Clipbin_Right_10	OUT	short	number of A clips, right, 4th segment
EasyBalance_Clipbin_Right_11	OUT	short	number of B clips, right, 4th segment
EasyBalance_Clipbin_Right_12	OUT	short	number of C clips, right, 4th segment
EasyBalance_Clipbin_Right_13	OUT	short	number of A clips, right, 5th segment
EasyBalance_Clipbin_Right_14	OUT	short	number of B clips, right, 5th segment
EasyBalance_Clipbin_Right_15	OUT	short	number of C clips, right, 5th segment
EasyBalance_Clipbin_Segment1_Left	OUT	short	1st segment, Left or Static
EasyBalance_Clipbin_Segment2_Left	OUT	short	2nd segment, Left or Static
EasyBalance_Clipbin_Segment3_Left	OUT	short	3rd segment, Left or Static
EasyBalance_Clipbin_Segment4_Left	OUT	short	4th segment, Left or Static
EasyBalance_Clipbin_Segment5_Left	OUT	short	5th segment, Left or Static
EasyBalance_Clipbin_Segment1_Right	OUT	short	1st segment, Right
EasyBalance_Clipbin_Segment2_Right	OUT	short	2nd segment, Right
EasyBalance_Clipbin_Segment3_Right	OUT	short	3rd segment, Right
EasyBalance_Clipbin_Segment4_Right	OUT	short	4th segment, Right
EasyBalance_Clipbin_Segment5_Right	OUT	short	5th segment, Right
EasyBalance_Drilldepth_Left_01	OUT	float	Drill depth Left or Static
EasyBalance_Drilldepth_Left_02	OUT	float	
EasyBalance_Drilldepth_Left_03	OUT	float	
EasyBalance_Drilldepth_Left_04	OUT	float	
EasyBalance_Drilldepth_Left_05	OUT	float	
EasyBalance_Drilldepth_Left_06	OUT	float	
EasyBalance_Drilldepth_Left_07	OUT	float	
EasyBalance_Drilldepth_Left_08	OUT	float	
EasyBalance_Drilldepth_Left_09	OUT	float	
EasyBalance_Drilldepth_Left_10	OUT	float	
EasyBalance_Drilldepth_Left_11	OUT	float	
EasyBalance_Drilldepth_Left_12	OUT	float	
EasyBalance_Drilldepth_Left_13	OUT	float	
EasyBalance_Drilldepth_Left_14	OUT	float	
EasyBalance_Drilldepth_Left_15	OUT	float	
EasyBalance_Drilldepth_Left_16	OUT	float	
EasyBalance_Drilldepth_Left_17	OUT	float	
EasyBalance_Drilldepth_Left_18	OUT	float	
EasyBalance_Drilldepth_Left_19	OUT	float	
EasyBalance_Drilldepth_Left_20	OUT	float	
EasyBalance_Drillangle_Left_01	OUT	float	Drill angles Left or Static
EasyBalance_Drillangle_Left_02	OUT	float	
EasyBalance_Drillangle_Left_03	OUT	float	
EasyBalance_Drillangle_Left_04	OUT	float	
EasyBalance_Drillangle_Left_05	OUT	float	
EasyBalance_Drillangle_Left_06	OUT	float	
EasyBalance_Drillangle_Left_07	OUT	float	
EasyBalance_Drillangle_Left_08	OUT	float	

EasyBalance_Drillangle_Left_09	OUT	float	
EasyBalance_Drillangle_Left_10	OUT	float	
EasyBalance_Drillangle_Left_11	OUT	float	
EasyBalance_Drillangle_Left_12	OUT	float	
EasyBalance_Drillangle_Left_13	OUT	float	
EasyBalance_Drillangle_Left_14	OUT	float	
EasyBalance_Drillangle_Left_15	OUT	float	
EasyBalance_Drillangle_Left_16	OUT	float	
EasyBalance_Drillangle_Left_17	OUT	float	
EasyBalance_Drillangle_Left_18	OUT	float	
EasyBalance_Drillangle_Left_19	OUT	float	
EasyBalance_Drillangle_Left_20	OUT	float	
<b>EasyBalance_Drillrow_Left_01</b>	OUT	short	Drill row Left or Static
<b>EasyBalance_Drillrow_Left_02</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_03</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_04</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_05</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_06</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_07</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_08</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_09</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_10</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_11</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_12</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_13</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_14</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_15</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_16</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_17</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_18</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_19</b>	OUT	short	
<b>EasyBalance_Drillrow_Left_20</b>	OUT	short	
EasyBalance_Drilldepth_Right_01	OUT	float	Drill depth Right
EasyBalance_Drilldepth_Right_02	OUT	float	
EasyBalance_Drilldepth_Right_03	OUT	float	
EasyBalance_Drilldepth_Right_04	OUT	float	
EasyBalance_Drilldepth_Right_05	OUT	float	
EasyBalance_Drilldepth_Right_06	OUT	float	
EasyBalance_Drilldepth_Right_07	OUT	float	
EasyBalance_Drilldepth_Right_08	OUT	float	
EasyBalance_Drilldepth_Right_09	OUT	float	
EasyBalance_Drilldepth_Right_10	OUT	float	
EasyBalance_Drilldepth_Right_11	OUT	float	
EasyBalance_Drilldepth_Right_12	OUT	float	
EasyBalance_Drilldepth_Right_13	OUT	float	
EasyBalance_Drilldepth_Right_14	OUT	float	

EasyBalance_Drilldepth_Right_15	OUT	float	
EasyBalance_Drilldepth_Right_16	OUT	float	
EasyBalance_Drilldepth_Right_17	OUT	float	
EasyBalance_Drilldepth_Right_18	OUT	float	
EasyBalance_Drilldepth_Right_19	OUT	float	
EasyBalance_Drilldepth_Right_20	OUT	float	
EasyBalance_Drillangle_Right_01	OUT	float	Drill angles Right
EasyBalance_Drillangle_Right_02	OUT	float	
EasyBalance_Drillangle_Right_03	OUT	float	
EasyBalance_Drillangle_Right_04	OUT	float	
EasyBalance_Drillangle_Right_05	OUT	float	
EasyBalance_Drillangle_Right_06	OUT	float	
EasyBalance_Drillangle_Right_07	OUT	float	
EasyBalance_Drillangle_Right_08	OUT	float	
EasyBalance_Drillangle_Right_09	OUT	float	
EasyBalance_Drillangle_Right_10	OUT	float	
EasyBalance_Drillangle_Right_11	OUT	float	
EasyBalance_Drillangle_Right_12	OUT	float	
EasyBalance_Drillangle_Right_13	OUT	float	
EasyBalance_Drillangle_Right_14	OUT	float	
EasyBalance_Drillangle_Right_15	OUT	float	
EasyBalance_Drillangle_Right_16	OUT	float	
EasyBalance_Drillangle_Right_17	OUT	float	
EasyBalance_Drillangle_Right_18	OUT	float	
EasyBalance_Drillangle_Right_19	OUT	float	
EasyBalance_Drillangle_Right_20	OUT	float	
<b>EasyBalance_Drillrow_Right_01</b>	OUT	short	Drill row Right
<b>EasyBalance_Drillrow_Right_02</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_03</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_04</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_05</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_06</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_07</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_08</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_09</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_10</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_11</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_12</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_13</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_14</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_15</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_16</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_17</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_18</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_19</b>	OUT	short	
<b>EasyBalance_Drillrow_Right_20</b>	OUT	short	

