

INSTRUMENT_TAG	DESCRIPTION	SIGNAL_TYPE		RANGE	POWER_SUPPLY	
BF01_FT001_F01_FT	Rougher Tankcell 1 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT001_L01_LT	Rougher Tankcell 1 Level Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT001_F01_FV	Rougher Tankcell 1 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT001_L01_LVA	Rougher Tankcell 1 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT001_L01_LVB	Rougher Tankcell 1 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT002_F01_FT	Rougher Tankcell 2 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT002_F01_FV	Rougher Tankcell 2 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT003_F01_FT	Rougher Tankcell 3 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT003_F01_FV	Rougher Tankcell 3 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT003_L01_LT	Rougher Tankcells 2 and 3 Level Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT003_L01_LVA	Rougher Tankcells 2 and 3 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT003_L01_LVB	Rougher Tankcells 2 and 3 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT004_F01_FT	Rougher Tankcell 4 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT004_F01_FV	Rougher Tankcell 4 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT005_F01_FT	Rougher Tankcell 5 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT005_F01_FV	Rougher Tankcell 5 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT005_L01_LT	Rougher Tankcells 4 and 5 Level Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT005_L01_LVA	Rougher Tankcells 4 and 5 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT005_L01_LVB	Rougher Tankcells 4 and 5 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT006_F01_FT	Scavenger Tankcell 6 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT006_L01_LT	Scavenger Tankcell 6 Level Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT006_F01_FV	Scavenger Tankcell 6 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT006_L01_LVA	Scavenger Tankcell 6 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT006_L01_LVB	Scavenger Tankcell 6 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT007_F01_FT	Scavenger Tankcell 7 Air Flow Control	AI	4-20 mA		24VDC	
BF01_FT007_L01_LT	Scavenger Tankcell 7 Level Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT007_F01_FV	Scavenger Tankcell 7 Air Flow Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT007_L01_LVA	Scavenger Tankcell 7 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT007_L01_LVB	Scavenger Tankcell 7 Level Control	AO	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_FT001_AT01	Rougher Tankcell 1 PH Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT006_AT02	Scavenger Tankcell 6 PH Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_FT006_AT03	1 cleaner PH Control	AI	4-20 mA		24VDC	2-wire connection, Power supply from module
BF01_BA2.1_L01_LT	Beqtakari Feed Tank Level Control	AI	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_BA2.6_L01_LT	Final Tailings Sump Level Control	AI	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_BA2.8_L01_LT	Rougher Concentrate Sump Level Control	AI	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_BA3.5_L01_LT	1st Cleaner Concentrate Sump Level Control	AI	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_BA3.3_L01_LT	Final Concentrate Sump Level Control	AI	4-20 mA	0 - 100 %	24VDC	2-wire connection, Power supply from module
BF01_BA2.1_F01_FT	Rougher Feed Flow		4-20 mA	0 - 500 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Rougher Feed Flow (Totalizer)	DI	RIO is active	1 pulse - 0.1 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA2.1_F01_FT	Rougher Feed Flow	AI	4-20 mA	0 - 500 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Rougher Feed Flow (Totalizer)	DI	RIO is active	1 pulse - 0.1 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA2.6_F01_FT	Final Tailings Flow	AI	4-20 mA	0 - 500 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Final Tailings Flow (Totalizer)	DI	RIO is active	1 pulse - 0.1 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA2.8_F01_FT1	Rougher Concentrate Flow 1 line	AI	4-20 mA	0 - 100 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Rougher Concentrate Flow (Totalizer)	DI	RIO is active	1 pulse - 0.05 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA2.8_F01_FT2	Rougher Concentrate Flow 2 line	AI	4-20 mA	0 - 100 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Rougher Concentrate Flow (Totalizer)	DI	RIO is active	1 pulse - 0.05 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA3.5_F01_FT1	1st Cleaner Concentrate Flow 1 line	AI	4-20 mA	0 - 80 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection
	Scavenger Concentrate Flow (Totalizer)	DI	RIO is active	1 pulse - 0.05 m3	24VDC	(Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
	1st Cleaner Concentrate Flow 2 line	AI	4-20 mA	0 - 80 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection

BF01_BA3.5_F01_FT2	1st Cleaner Concentrate Flow (Totalizer)	DI	RIO is active	1 pulse - 0.05 m3	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection (Instrument is active), Pulse output (2-wire connection)
			24 V DC power supply		24VDC	
BF01_BA3.3_F01_FT	Final Concentrate Flow Final Concentrate Flow (Totalizer)	AI	4-20 mA	0 - 80 m3/hr	24VDC	2-wire power supply 24 V DC, 2-wire 4-20 mA connection (Instrument is active), Pulse output (2-wire connection)
		DI	RIO is active	1 pulse - 0.05 m3	24VDC	
			24 V DC power supply		24VDC	
BF01_PU2.7_1_TT1	PU2.7_1 Internal Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_1_TT2	PU2.7_1 External Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_1_TT3A	PU2.7_1 A_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_1_TT3B	PU2.7_1 B_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_1_TT3C	PU2.7_1 C_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_2_TT1	PU2.7_2 Internal Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_2_TT2	PU2.7_2 External Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_2_TT3A	PU2.7_2 A_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_2_TT3B	PU2.7_2 B_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_2_TT3C	PU2.7_2 C_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_3_TT1	PU2.7_3 Internal Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_3_TT2	PU2.7_3 External Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_3_TT3A	PU2.7_3 A_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_3_TT3B	PU2.7_3 B_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_3_TT3C	PU2.7_3 C_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_4_TT1	PU2.7_4 Internal Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_4_TT2	PU2.7_4 External Bearing Temperature	AI	4-20 mA	0 - 100 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_4_TT3A	PU2.7_4 A_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_4_TT3B	PU2.7_4 B_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_PU2.7_4_TT3C	PU2.7_4 C_Winding Temperature	AI	4-20 mA	0 - 200 C	24VDC	2-wire connection, Power supply from module
BF01_BA2_6_H01	BF01_PU2.7_1 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.7_1 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.7_1 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.7_1 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA2_6_H02	BF01_PU2.7_1 Outlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.7_1 Outlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.7_1 Outlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.7_1 Outlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA2_6_H03	BF01_PU2.7_2 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.7_2 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.7_2 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.7_2 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA2_6_H04	BF01_PU2.7_2 Outlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.7_2 Outlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.7_2 Outlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.7_2 Outlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA2_8_H01	BF01_PU2.9_1 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.9_1 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.9_1 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.9_1 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA2_8_H03	BF01_PU2.9_2 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.9_2 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU2.9_2 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU2.9_2 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA3_5_H01	BF01_PU3.6_1 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.6_1 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU3.6_1 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU3.6_1 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	
BF01_BA3_5_H03	BF01_PU3.6_2 Inlet Valve (Closed Status)	DI			24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.6_2 Inlet Valve (Opened Status)	DI			24VDC	
	BF01_PU3.6_2 Inlet Valve (Close Command)	DO	+ 24 V from module		24VDC	
	BF01_PU3.6_2 Inlet Valve (Open Command)	DO	+ 24 V from module		24VDC	

BF01_BA3_3_H01	BF01_PU3.4_1 Inlet Valve (Closed Status)	DI		24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.4_1 Inlet Valve (Opened Status)	DI		24VDC	
	BF01_PU3.4_1 Inlet Valve (Close Command)	DO	+ 24 V from module	24VDC	
BF01_BA3_3_H02	BF01_PU3.4_1 Inlet Valve (Open Command)	DO	+ 24 V from module	24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.4_1 Outlet Valve (Closed Status)	DI		24VDC	
	BF01_PU3.4_1 Outlet Valve (Opened Status)	DI		24VDC	
	BF01_PU3.4_1 Outlet Valve (Close Command)	DO	+ 24 V from module	24VDC	
	BF01_PU3.4_1 Outlet Valve (Open Command)	DO	+ 24 V from module	24VDC	
BF01_BA3_3_H03	BF01_PU3.4_2 Inlet Valve (Closed Status)	DI		24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.4_2 Inlet Valve (Opened Status)	DI		24VDC	
	BF01_PU3.4_2 Inlet Valve (Close Command)	DO	+ 24 V from module	24VDC	
	BF01_PU3.4_2 Inlet Valve (Open Command)	DO	+ 24 V from module	24VDC	
	BF01_PU3.4_2 Outlet Valve (Closed Status)	DI		24VDC	
BF01_BA3_3_H04	BF01_PU3.4_2 Outlet Valve (Opened Status)	DI		24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU3.4_2 Outlet Valve (Close Command)	DO	+ 24 V from module	24VDC	
	BF01_PU3.4_2 Outlet Valve (Open Command)	DO	+ 24 V from module	24VDC	
	BF01_PU2.2_1 Inlet Valve (Closed Status)	DI		24VDC	
	BF01_PU2.2_1 Inlet Valve (Opened Status)	DI		24VDC	
BF01_BA2_1_H01	BF01_PU2.2_1 Inlet Valve (Close Command)	DO	+ 24 V from module	24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.2_1 Inlet Valve (Open Command)	DO	+ 24 V from module	24VDC	
	BF01_PU2.2_2 Inlet Valve (Closed Status)	DI		24VDC	
BF01_BA2_1_H03	BF01_PU2.2_2 Inlet Valve (Opened Status)	DI		24VDC	Inductive Limit switches require power supply from cabinet (+24 V DC, 0 V DC)
	BF01_PU2.2_2 Inlet Valve (Close Command)	DO	+ 24 V from module	24VDC	
	BF01_PU2.2_2 Inlet Valve (Open Command)	DO	+ 24 V from module	24VDC	