

CONFIGURATION FOR SD100

**TWO WIRE START/STOP WITH ANALOGUE INPUT 4-20mA FOR SPEED
REFERENCE AND ANALOGUE OUTPUT 0-10V TO PLC**

a drive with
a small size and a great scope



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PARAMETER	DEFAULT	DESCRIPTION	SET VALUE
DRIVE GROUP			
ACC	5.0sec	Acceleration Time	Adjust accordingly
dEC	10.0sec	Deceleration Time	Adjust accordingly
Drv	1	Drive Mode	1:Start/stop by terminals FX-forward or Rx- reverse
Frq	0	Frequency Mode	Change to 4 setting via I terminal
FUNCTION GROUP 1 (F)			
F1	0	Prevention rotation	Change to 2 Reverse Run Disabled
F21	50.00Hz	Maximum frequency	50.00Hz Adjust if necessary
F22	50.00Hz	Base frequency	50.00Hz Adjust if necessary
F23	0.50Hz	Start frequency	xx (Minimum speed at starting)
F27	0	Torque boost selec	0:Man torque 1:Auto torque
FUNCTION GROUP 2 (H)			
H30	xx	Motor power setting	xxkW Set required kW rating
H31	4	Number of motor poles	4:1500rpm (set accordingly)
H33	xx	Motor rated current	xx Amps Set required current motor nameplate
H73	0	Selection user screen	Change to 1 Output Power
0-20mA Analogue			
I12	4.0mA	Minimum current of I	4.0mA (Adjust min current accordingly)
I13	0.00Hz	Min frequency for I	0.00Hz (Adjust min freq as required)
I14	20.0mA	Maximum current of I	20.0mA Adjust max current accordingly)
I15	50.0Hz	Max frequency for I	60.0Hz (Adjust max freq as required)
I17	0	Config Input P1	0: (FX Forward Run Command)
I50	0	Analog output mode	Change to 1 Output current 150%

xx denotes minimum necessary adjustments.

