

SFC/ DPT

USER AND INSTALLATION MANUAL



SFC



DPT 500



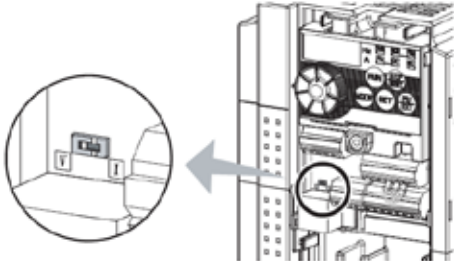
MANUAL CONNECTION FOR OVERPRESSURE CONTROL SYSTEM

DIFFERENTIAL PRESSURE TRANSMITTER (DPT) - FREQUENCY SPEED CONTROLLER (SFC)

DPT 500:

Placement of the jumpers



	FIGURE	VALUE		
Move the switch from "I" to "V"		V		
Rank selector	Sensor range selection jumpers			
	-500...+500 Pa	0...+50 Pa	0...+100 Pa	0...+250 Pa
				
	0...+5000 Pa	-25...+25 Pa	-100...+100 Pa	-250...+250 Pa
				

0-100Pa

SFC- DPT Connections

PROBE	MEANING	SFC
Vin	Supply 24V	PC
GND	0	SD
A01	Analog output +	4
GND	0	5

SFC connections

Motor: U, V, W

Line: (depends on the inverter can be single-phase or three-phase)

Bridge between PC and STF

Bridge between RM and PC



Drive parameters

PARAMETER	DESCRIPTION	VALUE
1	Maximum frequency	50
2	Minimum frequency	20
9	Electronic thermal O/L relay	I nom x 1.1
77	Parameter write selection	2
128	PID action selection	20
133	PID action set point	50
181	X14	14
267	Signal 4	2
79	Operation mode selection	2 (external running order)