

USER AND INSTALLATION MANUAL

SFC/ DPS



SFC



DPS











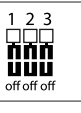
casals
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MANUAL CONNECTION FOR OVERPRESSURE CONTROL SYSTEM DIFFERENTIAL PRESSURE TRANSMITTER (DPS) - FREQUENCY SPEED CONTROLLER (SFC)

DPS:

Placement of the jumpers



	FIGURE	VALUE			
Analog output	Analog output selection switch	2 (4-20mA)			
					
Rank selector	Sensor range selection jumpers				0-100Pa
	0-100 Pa	0-250 Pa	0-500Pa	0-750 Pa	
					
	0-1000 Pa	0-2000 Pa	-50-50 Pa	-100-100 Pa	
					

SFC- DPS 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	21
133	PID action set point	50
181	X14	14
79	Operation mode selection	2 (external running order)