Basler DGC-2020



Description

DC+

DC-

Data +

Data -

Data GND

COM

N/O

Generac Gateway

Side Termination TB1 V+

TB1 V-

TB1 A

TB1 B

TB1 GND

Harness Relay #1

Control Board

* <u>+</u>	IB+ IB- IC- IC- IC- IC- IC- IC- IC- IC- IC- IC	AN SUB
31 MPU+		51
32 MPU-		
8 OIL		OUT 2 53
9 FUEL	DGC-2020	
10 COOLANT		55
11 SENDER C	ow 🔥	OUT 4 56
		OUT 5 57
46 ESTOP	k	
47 ESTOP		59
15 INPUT 16	Current inputs are 1A or 5A, depending on style.	OUT 7 - 60
16 INPUT 15	Labels indicate the functions assigned by	
17 INPUT 14	the default programmable logic to the contact inputs and output contacts.	
18 INPUT 13	Connect near engine block (negative battery terminal) side of senders.	63
19 INPUT 12	Jumper terminals 46 and 47 if not using	OUT 10 64
20 INPUT 11	an emergency stop switch. See Emergency Stop input section for optional wiring methods.	OUT 11 65
21 INPUT 10	Connect to ECU on ECU equipped	
22 INPUT9	 engines only. If component is under ECU control, do 	RDP BATT+ 4
23 INPUTS	not connect to DGC-2020.	RDP BATT- 5
24 INPUT 7	Optional. Refer to style number for ordering information.	RDP TXD- 6
25 INPUTS		RDP TXD+ 7
26 INPUTS		
27 INPUT 4 28 INPUT 3		
28 INPUT 3	Mini-B	
30 INPUT 1	USB Modem	
CANL	485 SH 485 SH 485 SH 485 SH 485 SH 485 SH 485 SH 485 SH	
48 49 50	12 13 14 1 2 3	

 69
 68
 72
 71
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 74
 41
 39
 37
 35

45 43

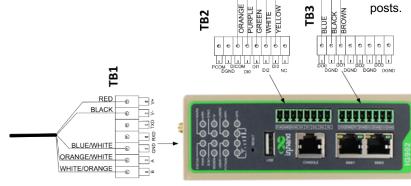
Wire Color	Terminations	48 49 50 12 13 14 1 2 3	
Red	B+* (Terminal 3)	Expected comm settings: Address: 125 Baud Rate: 9600 If different settings need to used, please contact supp	
Black	B-* (Terminal 2)		
Orange/White	Terminal 13		
White/Orange	Terminal 14		
White/Blue	Terminal 12	*If MODEM and signal lig	
Blue	2 Wire Start	off and data is lost after g	

2 Wire Start

Customer Side

gs need to be ntact support. signal lights turn

off and data is lost after gen crank, this can indicate a brief loss of power. To correct, ensure red and black wires are connected directly to the battery



White / Blue

Generac Power Systems

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