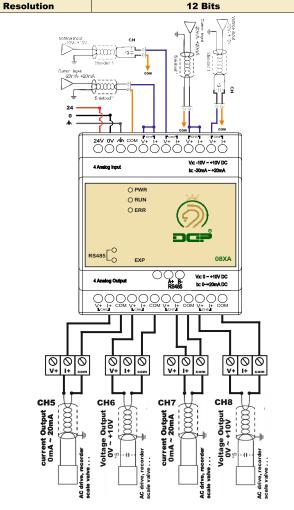
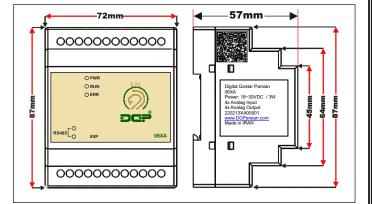
	Inp	u t (D i	igital)								
Input voltage		24 VDC (20.5 ~ 28.5) - single common port input									
Power consumption	n	3 W									
Aı	nalo	g Inpu	it (A/D)								
Point		4									
Tymo	-20 ~	20mA	Range(-1000	~+1000)							
Туре	-10~+	·10V	Range(-2000	~+2000)							
An	alog	Outp	ut (D/A)								
Point			4								
Tymo	0 ~ 2	0mA	Range(0	~4000)							
Туре	0 ~ 1	0V	Range(0	~4000)							





Description	Product plate inserting information	Line							
By scanning the barcode, certain information such as website address, email address and phone number will be provided to you.	QR Code	1							
EXP manufacturer	Digital Gostar Parsian	2							
EXP model	08XA	3							
Product's permissible voltage limits/Power consumption	Power: 18 ~ 30 VDC / 3W	4							
4 Analog Input	4x Analog Input (-10 ~ 10V)(-20 ~ 20mA)	5							
4 Analog Output	4x Analog Output (0 - 10V)(0 - 20mA)								
1.Production year 2.Production month 3.Production day 4.EXP model 5.The number of the manufactured EXP	220213XA00001 22 02 13 XA 00001 1 2 3 4 5								
The original website of the EXP manufacturer	www.DGParsian.ir	8							
Manufactured in Iran	Iran Made in Iran								



Usage of LED indicators

Description	LED
Stands for POWER and it turns on once the input voltage is applied	PWR
When the PLC is ready for operation, this LED turns on	RUN
Once the voltage violates the permissible limits, this LED turns on	ERR
When using the Rs485 communication network, this LED turns on	RS485

Capable of connecting to all PLCs of green membrane 24V-DC input voltage

Equipped with RS485 network for remote control capability Count of analog inputs (± 20 mA) (± 10 V): 4 Count of analog outputs (0 ~ 20mA) (0 ~ 10V): 4

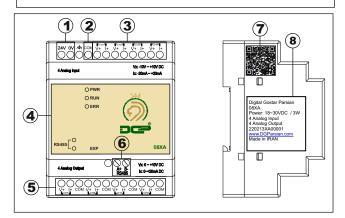
LED displays the status of network

Warning:

Applying excessive force to terminal screws will damage the terminals.

Warranty:

- * This product comes with a one-year replacement warranty and after-sales service.
- * The warranty will be void if any of the following conditions occur:
 Applying voltage beyond the allowed limit
- Exceeding the allowed current from digital outputs
- Deformation caused by breakage, impact, and excessive heat
- Changing or replacing parts by unauthorized personnel
- Exposure to corrosive liquids and gases



1.Input voltage	2.Com
3.analog inputs	4.LED indicator
5.analog outputs	6.Rs485 network
7.QR-Code	8.EXP plate

				CR(Cont	rolle	ed	Regi	iste	er)															
DGP 08XA	Analog Input	/Outpu	ut Mix	ed Module								E	крІ	ana	atio	n									
CR No	RS-485 Parameter Address	Late	hed	Register Name	b16	b15	b1	4 b1	3 b	12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	bO			
#0	H40C8	0	R	model type	Sys	tem	us	ed, d	ata	len	gth	is 8	bits	(b7~	b0). I	OGP	08XA	mo	delo	ode:	= н (cc			
					Re	serv	e m	ust l	be 0			СН4			СНЗ			CH2			CH1				
#1	H40C9	0	R/W	Input Mode Setting	Mod	e 0: in	nput	voltage	e mod	le (-1	10V~+	-10V).		y Setti	ng is F	10000			•						
					Mod Mod	e 2: in e 3: in	nput o	current	t mod	e (-1	2mA	~+20m													
								_	3 b	12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0			
							R	eser	ve r	nus	st be	• O			CH	18	СН	7	СН	6	CH	H5			
#2	H40CA	0	R/W	Output Mode Setting	Out	out m	node	sett	ing:	(CH	5~CI	18)													
					Mod	e 1: o	utput	voltag	ge mo	de (2V~1	0V).	١.												
				CH1 ~CH4	Mod	e 3: o	utpu	t curre	nt mo	de (0mA~	20mA).	on cha	nnels	CH1~0	CH4								
#3~6	H40CB~H40CE	0	R/W	average number CH1 ~CH4	Settin	g rang	ge is	K1~K4	1096	and	factor	y settii	ng is K									-			
#7~10	H40CF~H40D2	<u>×</u>	R	average Value	<u> </u>									1/400											
#11~14	H40D3~H40D6	<u>×</u>	R/W	OutPut Value CH1 ~CH4	<u> </u>									~K400	0. The	factor	y settin	g is K0	and t	he unit	is LS	В.			
#15~18	H40D7~H40DA	<u>×</u>	R	present Value	_									nd uni	t is I S										
#19~22	H40DB~H40DE	0	R/W	CH1 ~CH4 Offset Value	Voltag	yestem used, data length is 8 bits (b7~b0). DGP 08XA model of the content of the																			
#23~26	H40DF~H40E2	0	R/W	CH5 ~CH8 Offset Value		System used, data length is 8 bits (b7~b0). DGP 08XA model code= Reserve must be 0																			
#27~30	H40E3~H40E6	0	R/W	CH1 ~CH4 Gain Value	GAIN setting of CH1~CH4. Factory setting is K1000 and unit is LSB. Voltage input: setting range is K-800 ~K4000 Current input: setting range is K-800 ~K2600													ltage input: setting range is K-800 ∼K4000							
#31~34	H40E7~H40EA	0	R/W	CH5 ~CH8 Gain Value	Current input: setting range is K-800 ~K2600 GAIN setting of CH5~CH8. Factory setting is K2000 and unit is LSB. The setting range is K-1600~K8000																				
#35	Н40ЕВ	\times	R	ERROR_STATUS	Data register stores the error status, refer to fault code chart for details.																				
#36	H40EC	0	R/W	Communication address setting								settin	g is K1												
#37	H40ED	0	R/W	Communication baudrate setting	forma b0: 48 b1: 96 b2: 19 b3: 38 b4: 57 b5: 11 b6~b1	it is 7E 300 bp 500 bp 9200 b 3400 b 7600 b 15200 13: Re switch	Bits, e os (bi ops (bi ops (l ops (l ops (l bps eserv betv	even, 1 it/sec). it/sec). bit/sec bit/sec bit/sec (bit/seced. veen lo	(facto).).).). c).	obit ((7 E 1). For ∣ i)	RTU m	ode, c	late for	mat is	8Bits,	s). Foi even,	ASCI 1 stop	l mode bit (8 E	, date 1).	1			
					b1	15	b1	4 b1:	3 b	12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0			
					Re	serv	e m	usti	be 0	1		СН4			СНЗ			CH2			CH1				
#38	H40EE	0	R/W	Input setting	1.Whe adjus 2.b1 r	en b0= st OFF means	=0, u FSET s if ch	ser ca and G aracte	n set SAIN v eristic	value regi	e of C ster is	H1 (Cl latche	R#19, ∘ ed. b1=	CR#27 =0 (fac	7).							er to			
					b1	15	b1	4 b1:	3 b	12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0			
							R	eser	ve r	nus	st be	0			CH	18	СН	7	СН	6	CI	H5			
#39	H40EF	0	R/W	Output setting	b1, b0 00: ca 01: ca 10: in	0: an be a an be a hibit a	adjus adjus idjusi	sted, la sted, n t.	atched on-lat	d. tche	d.			mple:											
#40	H40F0	0	R	Software Version	Displa	ay soft	tware	e versi	on in	hexa	adecir	nal. Ex	ample	: H 01	0A = ve	ersion	1.0A								
O means latch					•																	\Box			
X means non-	latched. ead data by using	FROM	comman	d or RS-485																					
W means can v	vrite data by using	g TO cor	nmand c	or RS-485.	, ,			ont:	n.	ı 4 -	1	-20	m A	/100	0-0	۸۸									

Voltage input: 1_{LSB}=10V/2000=5mV.
 Current input: 1_{LSB}=20mA/1000=20μA.
 Voltage output: 1_{LSB}=10V/4000=2.5mV.
 Current output: 1_{LSB}=20mA/4000=5μA.

Fault description	Content	b15~b8	b7	b6	b5	b4	b3	b2	b1	b0	
Power source abnormal (Low voltage alarm)	K1(H1)		0	0	0	0	0	0	0	1	
User setting D/A output exceeds range	K2(H2)		0	0	0	0	0	0	1	0	
Setting mode error	K4(H4)	- Reserved -	0	0	0	0	0	1	0	0	
Offset/Gain error	K8(H8)		Reserved -	0	0	0	0	1	0	0	0
Hardware malfunction	K16(H10)			0	0	0	1	0	0	0	0
Digital range error	K32(H20)		0	0	1	0	0	0	0	0	
Average times setting error	K64(H40)			0	1	0	0	0	0	0	0
Command error	K128(H80)		1	0	0	0	0	0	0	0	

Note: Each fault code will have corresponding bit (b0~b7). Two or more faults may happen at the same time. 0 means normal and 1 means having fault.